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der

SCHWEIZERISCHEN METEOROLOGISCHEN ZENTRAL-ANSTALT

1913.

„Der Schweizerischen meteorologischen Beobachtungen“

Fünfzigster Jahrgang.

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EIDGENÖSS. METEOROLOGISCHE KOMMISSION
1913.

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Vizepräsident: » » A. Forster in Bern.
Mitglieder: » » A. Wolfer in Zürich.
» Rect. G. Ferri in Lugano.
» Prof. A. Riggenbach in Basel.
» Dr. R. Huber in Bern.

Verzeichnis der im Jahre 1913 erschienenen oder auf das Jahr 1913 bezüglichen Schweizerischen meteorologischen Literatur.

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Täglicher Wetterbericht der Schweizer. meteorologischen Zentralanstalt. 33. Jahrgang 1913.

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Einleitung.

Unsere Anstalt blickt in diesem Jahre auf eine 50jährige Tätigkeit zurück; im Dezember 1863 begann sie nach Gründung ihres grossen alpinen Beobachtungsnetzes, unter dem Patronat der Schweizerischen Naturforschenden Gesellschaft mit Bundesunterstützung ihr Wirken, um dann im Jahre 1881 ganz in die Obhut der Eidgenossenschaft überzugehen. Der um die Anstalt und Förderung der schweizerischen Klimatologie verdientesten Männer — Emil Plantamour († 1882), Rudolf Wolf († 1893), Robert Billwiller († 1905), und Eduard Hagenbach († 1910) — sei bei diesem Anlass wieder ehrend gedacht. Hervorgehoben zu werden verdient auch an dieser Stelle, dass auf zwei Stationen, nämlich auf Bernhardin-Berg und in Castasegna (Bergell), Mitglieder derselben Familien (Stoffel-Bellig und a. Zolleinnehmer's Garbald), noch jetzt als Beobachter tätig sind, die schon im Dezember 1863 in Funktion getreten waren. Sie haben somit einer nationalen wissenschaftlichen Aufgabe in uneigennütziger Weise volle 50 Jahre ihre wertvollen Dienste geleistet.

Ueber die Tätigkeit der Anstalt ist folgendes zu sagen: Das Netz der meteorologischen Stationen hat noch einen erfreulichen Zuwachs im Gebiete des südlichen Alpenfusses erhalten, indem zu Anfang des Jahres, nach Vollendung der Drahtseilbahn Cassarate-Monte Brè, nahe dem letzteren Gipfel (in der Höhe von etwa 600 m über Lugano) ein vollständig ausgerüsteter Beobachtungsposten eingerichtet wurde. Für das Studium der Höhennebel über dem Luganersee, die in ihrer Schichtung manche eigentümlichen Verhältnisse zeigen, ist diese Station sehr willkommen, zumal sie mit Bewilligung der Ober-Telegraphendirektion auch regelmässig morgens noch ein Witterungstelegramm an die Anstalt sendet, das bei den zahlreichen Anfragen im Winter über die Bewölkungsverhältnisse der Höhenlagen im Süden der Alpen oft von grossem Nutzen ist. Des fernern ist noch in Mürren, wo schon früher eine Station bestanden hat, auf besondern Wunsch des dortigen Kurvereins ebenfalls ein einfacher Beobachtungsposten ins Leben getreten, der seine Notierungen in Temperatur, Luft-Feuchtigkeit, Wind, Bewölkung und Niederschlagsmenge regelmässig der Zentralanstalt einsendet.

Auch im Gebiet der Regenmess-Stationen hat eine kleine Vermehrung stattgefunden; es sind im Kreise Orbe (Waadt), in Vallorbe und Vuiteboeuf, an zwei für die Regenmessung besonders interessanten Punkten des höhern Waadtländerjura, nahe der Grenze, neue Posten erstellt worden. Ferner wurde in La Ferrière (Kt. Bern) ein geeigneter Verweser für die dortige neue Station gefunden, der auch die Aufzeichnungen der Gewittererscheinungen in diesem sehr interessanten Gebiet des Berner- und angrenzenden Neuenburger-Juras besorgt.

Mougin-Totalisator am Konkordiaplatz (2850 m), erstellt von der schweizerischen Landeshydrographie.

Leider hat die Anstalt im laufenden Jahr den Verlust eines langjährigen, vortrefflichen Beobachters erlitten in der Person des Reallehrers J. C. Gasser in Unterhallau. Durch Entgegenkommen der Ortsbehörden gelang es, die Weiterführung dieses für die Weinbaustatistik so wichtigen Beobachtungspostens ohne Unterbrechung zu sichern. Auf Ende 1913 ist an insgesamt 116 meteorologischen und 290 Regenmessstationen regelmässig beobachtet worden.

Wie schon im letztjährigen Tätigkeitsbericht erwähnt, ist auch die Radiotelegraphie den Zwecken unseres Wetterdienstes nutzbar gemacht worden; die Einrichtung hat sich gut bewährt. Seit Oktober erhält die Anstalt überdies am spätern Abend (6^h p) auf radiotelegraphischem Wege von der Grosstation Eiffelturm noch einzelne Nachmittagstelegramme über die Witterungstatbestände (von 2 p) im Gebiet der französischen und englischen Küste, sowie des Mittelmeeres. Trotz oft sehr starker Gewitterstörungen im Sommer ist der Betrieb unserer Radiostation ohne die geringste Unterbrechung vor sich gegangen.

Es sei auch noch kurz einer weitern Aufgabe Erwähnung getan, für welche die Anstalt im Berichtsjahr sich angestrengt hat, eine Lösung zu finden. Es zeigte sich in den letzten Jahren immer dringlicher die Notwendigkeit — namentlich im Hinblick auf die zahlreichen Anfragen über Niederschlagsmengen aus den verschiedensten Regionen unseres Hochgebirges —, an einsamen und schwer zugänglichen Stellen des letztern, Niederschlagssammler aufzustellen, die gestatten, den gefallenen Schnee und Regen auch im Hochgebirgswinter monatelang zu bewahren, so dass bloss in der günstigen Jahreszeit eine einmalige Messung notwendig wird. Die bisherigen Versuche mit dem System „Mougin" haben ermunternde Ergebnisse erzielt; allein es fehlte, nach unsern vielfältigen Erfahrungen, dem Instrument doch ein Hauptteil, nämlich eine passende Windschutzkonstruktion, Nipher'scher Form, durch welche die als Schnee gefallenen Niederschläge wohl um 20 % wegen Verminderung des Windeinflusses vermehrt werden. Nach verschiedenen Versuchen über die praktische Gestalt und günstigen Dimensionen einer solchen beizugebenden Windschutzvorrichtung (von 100 bis 120 cm Durchmesser in abgestumpfter Kegelform) haben wir eine Anzahl dieser „Totalisatoren" konstruieren lassen und dergleichen Apparate sind nun — vorerst in einer kleinen Zahl — seit Sommer und Herbst 1913, unter gefälliger Mitwirkung seitens der schweizerischen Landeshydrographie, teils im Jungfrau- und Aletschgletschergebiet, teils am obern Rhonegletscher, dann auch am Gotthardmassiv, bis zu Höhen von 3500 m plaziert worden. Die ca. 4000 ‰ Niederschlagshöhe fassenden Zinkblechgefässe (von 50 ‰ Durchmesser, 95 ‰ Höhe und einer obern freien Oeffnung von 16 ‰) beschickt man mit einer bestimmten Menge Calcium-Chlorid — gewöhnlich 5 kg $CaCl_2$ in Lösung mit 5 Liter H_2O —, welche den Schneeniederschlag auch bei tiefen Temperaturen bis zu — 30° C und darunter in möglichst wässeriger Lösung hält, die dann noch durch eine Decke von Vaselinöl (1 Liter) am Verdunsten verhindert wird. Aus dem Gewicht des Gesamtinhaltes, der in passender Zeit dann abgefüllt wird, ist die entsprechende Niederschlagshöhe einfach zu bestimmen. Namentlich, wenn es sich darum handelt, für die Zwecke der immer mehr in den Vordergrund des Interesses tretenden „Wasserwirtschaft" mit ihren grossen Projekten, die oft stark in die Hochgebirgsregion übergreifen, zuverlässige Ueberschlagswerte von Jahresbeträgen der Niederschlagsmengen zu erhalten, ist die Aufstellung solcher Niederschlagssammler mit Jahresfüllung das einzige praktische zur Verfügung stehende, zudem noch verhältnismässig billigste Mittel. Unsere Figuren stellen einzelne Typen dieser Instrumente dar, wie sie von der schweizerischen Landeshydrographie und unserer Anstalt im Hochgebirge verwendet werden.

Niederschlagssammler am obern Rhonegletscher (2800 m), erstellt von der schweizerischen meteorologischen Zentralanstalt. (Derselbe Typ am Jungfraujoch.)

Die Niederschlagsmessungen sämtlicher Stationen werden in der bisherigen separaten Publikation regelmässig weitergeführt; bezüglich Anzahl und Verteilung der Stationen über unser ganzes klimatologisches Gebiet sei auf die Uebersichtskarte verwiesen, welche diesem Jahre beigegeben ist. — Betreffend die von der Anstalt im Laufe des Jahres ausgeführten aërologischen Arbeiten gibt Nr. 5 des Anhanges Auskunft.

Ueber den Betrieb der Erdbebenwarte im Degenried bei Zürich ist mitzuteilen, dass dieselbe wie bis anhin in Provisorium durch das wissenschaftliche Personal der Anstalt weitergeführt wurde. Noch gegen Schluss des Jahres ist dann die unterm 7. Februar erlassene Botschaft des h. Bundesrates betreffend Erweiterung der Aufgabe unserer Anstalt von den Eidgenössischen Räten angenommen und im Bundesblatt vom 31. Dezember (mit Festsetzung der Referendumsfrist auf 31. März 1914) veröffentlicht worden. Ueber den damit in Verbindung stehenden offiziellen Uebergang des gesamten Erdbebendienstes (nebst der Erdbebenwarte) an unser Institut wird im kommenden Jahr zu berichten sein.

Die Direktion der Schweizerischen Meteorologischen Zentralanstalt:

Dr. **J. Maurer.**

Verzeichnis der Institute und Gesellschaften des Auslands,

mit denen die Schweiz. Meteorolog. Zentralanstalt im Schriften-Tauschverkehr steht.

Europa.

Belgien.

Brüssel. Observatoire Royal Uccle.

Bosnien und Herzegowina.

Serajewo. Baudepartement der Landesregierung.

Bulgarien.

Sofia. Station Centrale Météorologique.

Dänemark.

Kopenhagen. Dänisches Meteorologisches Institut.

Deutschland.

Aachen. Meteorologisches Observatorium.
Berlin. Kgl. Preuss. Meteorologisches Institut.
K. Aeronautisches Observatorium Lindenberg b. Beeskow.
Kgl. Akademie der Wissenschaften.
Preuss. Landesanstalt für Gewässerkunde.
Darmstadt. Gr. Hess. Hydrogr. Bureau.
Bremen. Meteorologisches Observatorium.
Dresden. Kgl. Sächs. Meteorologisches Institut.
Eberswalde. Kgl. Forstakademie.
Emden. Naturforschende Gesellschaft.
Friedrichshafen. Verein für Geschichte des Bodensees und seiner Umgebung.
Halle a. S. K. Leopold.-Carolinische Deutsche Akademie der Naturforscher.
Hamburg. Deutsche Seewarte.
Hanau. Wetterauische Gesellschaft für die gesamte Naturkunde.
Karlsruhe. Grossh. Bad. Central-Bureau für Meteorologie und Hydrographie.
Kiel. Kgl. Universitätsbibliothek.
Leipzig. Verein für Erdkunde.
Magdeburg. Wetterwarte der Magdeburgischen Zeitung.
Mannheim. Verein für Naturkunde.
München. Kgl. Akademie der Wissenschaften.
Kgl. Bayer. Meteorologische Central-Station.
Kgl. Bayr. Hydrotechn. Bureau.
Kgl. Sternwarte in Bogenhausen.
Potsdam. Kgl. Meteorolog. und Magnet. Observatorium.
Strassburg i. E. Meteorolog. Landesdienst von Elsass-Lothringen.
Stuttgart. Kgl. Württemb. Meteorolog. Central-Station.
Wilhelmshaven. Kaiserl. Observatorium.

Frankreich.

Annecy. Commission de Météorol. de la Haute-Savoie.
Besançon. Observatoire.
Bordeaux. Société d'Océanographie du Golfe de Gascogne.
Clermont. Observatoire Météorologique du Puy de Dôme.
Marseille. Commission de Météorologie du Département des Bouches du Rhône.
Nizza. Observatoire météor. du Mont Blanc.
Paris. Bureau Central Météorologique de France.
Académie des sciences.
Société météor. de France.
Perpignan. Commission météorologique des Pyrénées Orientales.

Griechenland.

Athen. Observatoire National.

Grossbritannien und Irland.

Edinburgh. Royal Society.
Scottish Meteorological Society.
Greenwich. Royal Observatory.
Jersey. Observatoire St. Louis.
London. Royal Society.
Royal Meteorological Society.
Royal Astronomical Society.
Meteorological Office.
Manchester. Litterary and Philosophical Society.
Oxford. Radcliffe-Observatory.

Italien.

Catania. R. Osservatorio.
Moncalièri. R. Osservatorio di Carlo Alberto.
Mailand. R. Osservatorio Astronomico di Brera.
Rom. Ufficio centrale di Meteorologia e di Geodinamica.

Niederlande.

Utrecht. Kgl. Niederländ. Meteorologisches Institut de Bilt.

Norwegen.

Christiania. Meteorologisches Institut.
Astronom. Observatorium.

Oesterreich-Ungarn.

Budapest. Kgl. Ungar. Reichs-Anstalt für Meteorologie und Erdmagnetismus.
Innsbruck. Meteorol. Observatorium der Universität.
Krasno. Agrar.-Meteorolog. Observatorium.
Kremsmünster. Sternwarte.
O-Gyalla. Kgl. Ungar. Meteor. Observatorium.
Pola. K. k. Hydrographisches Amt.
Prag. K. k. Sternwarte.
Triest. K. k. Astronom.-Meteorolog. Observatorium, Bosco Pontini.
Wien. K. k. Central-Anstalt für Meteorologie und Erdmagnetismus.
K. k. Universitäts-Sternwarte.
Kaiserl. Akademie der Wissenschaften.
Geograph. Institut der k. k. Universität.
K. k. Hydrograph. Central-Bureau.

Portugal.

Coimbra. Observatorio magnetico-meteorologica da Universidade
Lissabon. Observatorio do Infante D. Luiz.

Rumänien.

Bukarest. Institut Météorologique de Roumanie.

Russland.

Helsingfors (Finland). Institut météorol. central.
Jurjew (Dorpat). Meteorolog. Observatorium der Kaiserl. Universität.
Katharinenburg. Société Ouralienne d'Amateurs des Sciences Naturelles.
Moskau. Kaiserl. Gesellschaft der Naturforscher.
St. Petersburg. Physikalisches Central-Observatorium.
Pulkowa. Sternwarte.
Tiflis. Physikalisches Observatorium.

Schweden.

Stockholm. Meteorolog. Central-Anstalt,
Kgl. Schwed. Akademie der Wissenschaften.
Upsala. Observatoire Météorolog. de l'Université.

Serbien.

Belgrad. Observatoire Central Météorologique.

Spanien.

Madrid. Instituto Central Meteorológico.
San Fernando. Instituto y Observatorio de Marina.

Türkei.

Constantinopel. Observatoire Impérial Météorologique.

Asien.

Simla. Meteorological Office of India.
Batavia. Dep. de l'agriculture aux Indes Neerlandaises.
Magnetical and Meteorological Observatory.
Bombay (Colába). Government Observatory.
Manila. Philippine Weather Bureau.
Tokio. Central Meteorological Observatory of Japan.

Afrika.

Cape Town. Observatory.
Meteorological Commission.
Mauritius. Royal Alfred Observatory.
Transvaal. Meteorol. Departement Pretoria.

Nord-Amerika.

Albany. Dudley Observatory.
Hyde Park, Mass. Blue Hill. Meteorological Observatory.
Cambridge, Mass. Harvard College Observatory.
Washington D. C. Smithsonian Institution.
The Weather Bureau.
Chief Signal Office.
Naval Observatory.
Geological Survey.

Mittel- und Süd-Amerika.

Canada. Dep. of marine and fisheries.
Cordóba. Academia Nacional de Ciencias.
Observatorio Nacional Argentino.
Oficina Meteorológica Argentina.
Mexico. Observatorio Meteorológico Central.
Sociedad Cientifica „Antonio Alzate".
Montevideo. Observatorio Meteorol. del Colegio Pio de Villa Colon.
San José de Costa Rica. Instituto Fisico-Geografico Nacional.
San Salvador. Observatorio Astronomico y Meteorologico.
Santiago de Chile. Oficina Central Meteorologica.

Australien.

Adelaide. Observatory.
Melbourne. Meteorol. Bureau, Centr. Office.

Tägliche Beobachtungen

der Stationen:

Bern, Neuenburg, Altdorf, Genf, Zürich, Rigi-Kulm, Bevers, Sitten, Lugano, Basel, Säntis und St. Gotthard

im Jahre 1913.

Für die Bezeichnung der Hydrometeore und anderer Phänomene werden nach dem Vorschlag des internationalen Meteorologen-Kongresses (Wien 1873) folgende Symbole angewandt:

● = Regen.	⌓ = Tau.	⊼ = Gewitter.	◑ = Sonnenhof.
✳ = Schnee.	⊔ = Reif.	⊀ = Blitz, Wetterleuchten.	⊕ = Sonnenring.
△ = Graupeln, Riesel.	⋁ = Duft.	⩙ = Nordlicht.	☋ = Mondhof.
▲ = Hagel.	ᔕ = Glatteis.	⸙ = starker Wind, ⸚ = Sturm.	☌ = Mondring.
← = Eisnadeln.	≡ = Nebel.	⛆ = Schneegestöber.	◠ = Regenbogen.

Das Zeichen ⊠ bedeutet, dass mehr als die Hälfte der Bodenfläche in der Umgebung der Station an dem betreffenden Tag mit Schnee bedeckt war.

Die Intensität der einzelnen Erscheinungen wird durch eine dem Symbol als Exponent beigefügte ° als schwach, durch ² als stark bezeichnet.

a bedeutet: Vormittags (ante meridiem), p: Nachmittags (post m.), n: Nachts.

Die römischen Ziffern geben an, dass das betreffende Phänomen um die Zeit des ersten, resp. zweiten, resp. dritten Beobachtungstermins stattgefunden hat, die arabischen bedeuten die bürgerlichen Zeitstunden, das Zeichen * interpolierte Daten.

λ bezeichnet die geographische Länge in Graden von Greenwich, β die geographische Breite, H_b die Höhe des Stationsbarometers über dem Meer in Metern, H die Höhe der Station (des Regenmessers) über der Meeresfläche, G ist die Korrektion, welche an den Luftdruckdaten für deren Reduktion auf die Normalschwere (45° Breite und das Meeresniveau) noch anzubringen ist, h_r die Höhe des oberen Randes des Regenmessers über dem Erdboden. Die Stationen, bei denen die Höhe (der Barometercüvette) bis auf den Dezimeter angegeben ist, sind an das schweizerische Präzisionsnivellement angeschlossen. Alle Höhen sind auf Pierre du Niton 373.6^{m} bezogen.

NB. Alle Zeitangaben mit Ausnahme derjenigen in Anhang Nr. 4 beziehen sich auf **mitteleuropäische Zeit.**

Errata im Jahrgang 1913.

Säntis.	Pag. 18.	Niederschlag.	**31.** März 0.7, Summe 152.7.
Rigi-Kulm.	„ 21.	„	**28.** April 16.0, Summe 104.0; Witterung. n (28/29) ◹ ●.
Säntis.	„ 24.	Luftdruck.	**27.** April 7^{30} 559.3.
Zürich.	„ 45.	„	**24.** Aug. 7^{30} 721.4, Mittel 720.3.
Zürich.	„ 57.	Witterung.	**29.** Okt. ◺ $9^{3}/_{4}$-$10^{1}/_{4}$P.
Sitten.	„ 70.	Niederschlag.	**28.** Dez. Das Interpolationszeichen * fällt weg.
Säntis.	„ 83.	„	März 153, Jahr 3465; Tage März 15, 13, 15, Jahr 202, 186, 168.
Pontresina.	„ 124.	„	Tage Okt. 10*, 9*, Jahr 130, 103.
Zürich.	„ 13.	September.	Stündliche Barometerstände. Infolge irrtümlicher Division durch 31 statt 30 sind sämtliche stündliche Mittelwerte zu korrigieren, wie nachstehend folgt:
			19.40 19.27 19.17 19.04 19.04 19.21 19.29 19.41 19.54 19.46 19.36 19.24
			19.06 18.84 18.74 18.70 18.79 18.93 19.16 19.38 19.43 19.41 19.42 19.32 Mittel 19.19.
	„ 15.		Uebersicht über den täglichen Gang des Luftdruckes:
			19.19 .21 .08 –.02 –.15 –.15 .02 .10 .22 **.35** .27 .17 .05 –.13 –.35 –.45 **–.49** –.40 –.26 –.03 .19 .24 .22 .23 .13 0.84.
Bern.	„ 9.		Täglicher Gang der Sonnenscheindauer. Juli 7-8P 1.8, Jahr 3.8; Gesamtjahressumme: 1564,2 (ebenso pag. 10).

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

Januar 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−5.5	2.2	−2.2	−1.8	0.2	718.2	715.7	715.6	94	69	96	SW 0	SW 0	SW 0	1	3	2	.	a ⌴
2	−1.2	4.5	0.7	1.3	3.3	714.5	712.9	712.6	91	68	96	S 0	S 0	NW 0	10	9	3	.	●° $9^3/_4{}^a$
3	−2.3	0.8	−2.6	−1.4	0.6	712.6	713.3	715.2	99	98	98	NW 0	NW 0	NW 0	10≡	3≡	10≡	.	≡², ⌴ I, III–n, ≡
4	−4.1	−2.3	−2.9	−3.1	−1.1	717.1	715.9	717.5	96	98	97	SW 0	SW 0	SW 0	10≡	10≡	10≡	.	⌴ I, III, ≡²
5	−4.6	−1.9	−2.9	−3.1	−1.1	718.1	718.6	**720.2**	96	97	97	SE 0	S 0	S 0	10≡	8≡	10≡	.	≡², ⌴, ≡ II
6	**−5.6**	1.5	0.5	−1.2	0.8	**720.2**	719.4	719.6	94	98	96	S 0	S 0	S 0	6≡	7≡	10	.	⌴ I, ≡ n–p
7	0.7	5.2	0.1	2.0	4.0	719.0	717.8	716.8	96	77	97	S 0	S 0	N 0	10●	1≡	10≡	0.5	●° $7^1/_2$–$8^1/_2{}^a$, p ≡, ≡² III–
8	−0.9	−0.9	−1.5	−1.1	1.0	715.5	715.2	715.7	98	98	98	E 0	N 0	NE 0	10≡	10≡	10≡	.	≡² [n
9	−3.1	−2.2	−3.1	−2.8	−0.7	716.2	715.2	714.2	96	96	96	E 0	E 0	E 0	10	10≡	10≡	.	p ≡, ≡² III–n
10	−5.0	−3.4	−3.2	−3.9	−1.8	712.6	711.9	711.8	94	94	95	E 0	NE 0	N 0	10≡	10≡	10	0.4	⌴ I, ≡ n–p, n △°
11	−1.2	2.7	0.1	0.5	2.6	711.0	709.1	705.8	99	84	96	SE 0	SE 0	NE 0	10	9	10≡	6.2	≡² III
12	5.1	4.6	1.0	3.6	5.6	706.6	709.0	710.0	84	63	92	SW 2	W 1	SW 0	9	7	7	3.3	● n–II, ⸝ I, n ✳
13	−0.5	4.2	−0.4	1.1	3.1	709.0	709.8	710.5	97	70	92	S 0	SW 2	SE 0	10	8	4	0.3	⸭ ✳° 8–9^a, ⸝ II [✳]
14	−2.9	0.0	−1.6	−1.5	0.5	709.4	708.3	707.2	97	86	92	SE 0	NW 0	NW 0	6	10	10	.	⌴ I
15	−2.7	1.6	0.7	−0.1	1.9	707.1	707.5	708.1	96	77	92	S 0	SE 0	S 0	8≡	10	10	0.1	≡ ⌴ I, ⸭ ° ✳°
16	−0.5	3.8	1.3	1.5	3.5	708.0	708.8	707.7	91	82	90	SE 0	SE 1	SE 1	10	6	10	3.2	✳ $9^1/_4$–$9^1/_2{}^a$, ● ✳–10^a
17	2.9	**7.3**	3.9	4.7	6.6	707.9	706.6	707.0	87	68	86	SW 1	SW 2	SW 0	9	9	9	3.7	⸝ II, n ●
18	3.7	5.1	2.7	3.8	5.7	707.4	708.7	712.6	82	78	92	SW 2	SW 2	SW 2	10	9	10	4.4	⸝ ●
19	1.1	4.9	1.0	2.3	4.2	714.2	712.6	709.7	97	67	89	SW 0	SW 1	SE 0	10	8	9	0.1	n ($^{19}/_{20}$) ⸭ ✳°
20	−0.1	2.2	0.7	0.9	2.7	706.5	707.0	704.4	90	92	97	SE 0	SE 0	SE 0	9	10	9	4.0	✳ $8^1/_2$–10^a
21	3.0	5.8	3.2	4.0	5.8	**701.0**	702.1	704.2	84	**59**	80	WSW 2	SW 2	SW 2	10	10	9	7.8	⸝, a ●°, ● $3^1/_2$–4, 5–$5^3/_4{}^p$
22	2.0	3.0	1.8	2.3	4.1	709.9	713.8	716.5	90	72	69	SW 2	SW 1	SW 1	9	7	9	2.6	⸝ I, a ●
23	−1.1	4.6	5.9	3.1	4.8	713.8	712.9	713.5	98	87	79	S 0	W 1	SW 1	10	10●	10	**8.3**	✳ 5–$10^1/_4{}^a$, ●–$6^1/_2{}^p$ [✳]
24	4.6	6.7	0.7	4.0	5.7	714.2	712.3	711.1	89	70	97	SW 0	SW 0	SE 0	10	8	3≡	.	≡ III–n
25	−1.4	2.3	2.9	1.3	2.9	711.6	711.7	713.7	98	97	93	SE 1	SE 0	S 0	10≡	9	10●	5.1	≡², ⌴ I, ● $6^1/_4{}^p$–n
26	3.6	5.6	1.4	3.5	5.0	713.9	714.9	717.3	97	93	95	SE 0	S 0	NE 1	10	10	9	3.7	● $9^1/_2{}^a$–$0^1/_2$, $5^1/_2$–$6^3/_4{}^p$
27	−0.6	0.4	0.7	0.2	1.7	716.8	714.6	714.2	95	95	93	NE 1	N 0	SE 0	10	10	10	.	
28	0.9	5.5	3.5	3.3	4.7	712.2	711.4	712.5	88	68	95	SE 0	SW 0	N 0	9	8	10●	4.2	●° $9^1/_2$–$10^1/_2{}^a$, ● $6^1/_2{}^p$–n
29	2.9	6.0	0.8	3.2	4.6	712.5	711.0	709.7	97	87	97	N 0	N 0	N 0	10●	10	10≡	.	●° n–I, ≡² $5^3/_2{}^p$–n
30	−0.9	0.4	2.0	0.5	1.8	709.1	710.0	710.9	98	98	98	N 0	N 0	N 0	10≡	10≡	10	1.3	≡² n–p, n ●
31	3.2	**7.3**	4.4	5.0	6.2	706.0	706.1	713.2	96	84	61	SE 0	WSW 3	SW 2	10	10	2	6.9	● $8^1/_2{}^a$–2^p, ⸝ II, ⸝–n
																		Summe	
Mittel	−0.3	2.8	0.6	1.0	—	712.0	711.8	712.2	94	83	92				9.2	8.4	8.6	66.1	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

Januar 1913.
Observatorium.

1	−1.3	0.0	0.1	−0.4	−0.6	726.2	723.9	723.3	98	93	95	NW 1	SW 1	NW 1	10≡	10	10	.	a ≡, ≡° II
2	0.1	2.8	1.5	1.5	1.4	722.2	720.7	720.3	97	93	98	NW 1	SW 1	NW 1	10≡	9	10	.	a ≡, ●° 10^a
3	0.4	1.3	−0.2	0.5	0.4	720.4	721.3	723.0	100	100	100	NE 1	SW 1	N 0	10≡	10≡	10≡	.	≡²
4	−0.2	0.2	−0.6	−0.2	−0.3	724.8	724.8	725.5	100	100	100	W 1	SE 1	N 1	10≡	10≡	10≡	.	≡, ≡² III–n
5	−1.4	−0.9	−1.2	−1.2	−1.3	725.9	726.6	**728.3**	100	100	100	NE 0	NE 1	N 1	10≡	10≡	10≡	.	a ≡, p ≡²
6	−2.2	−0.7	0.8	−0.7	−0.7	728.1	727.3	727.4	100	100	100	NE 0	NE 1	N 1	10	10	10●	1.5	⋁ ≡² n–p, ● $6^1/_2{}^p$–n
7	1.3	4.8	0.5	2.2	2.2	727.1	725.7	724.6	100	87	94	NW 1	SE 1	NW 1	10●	4	3	.	●° n–$7^1/_2{}^a$
8	−1.2	0.0	−1.2	−0.8	−0.8	723.4	722.8	723.5	96	95	98	N 1	NE 1	N 1	10≡	10≡	10	.	⋁ I, ≡ n–p
9	−1.5	−1.3	−2.3	−1.7	−1.7	723.9	723.1	722.1	96	98	98	N 1	NE 1	NE 1	10	10≡	10≡	.	≡ 1^p–n
10	**−2.9**	−2.8	−2.2	−2.6	−2.6	720.3	719.5	719.8	100	96	96	NE 1	NE 1	NE 1	10	10	10	0.6	✳° $7^1/_2{}^p$–n
11	0.7	6.2	1.9	2.9	2.9	718.7	716.7	713.3	92	78	96	NW 1	SW 1	N 1	10*	9	10	6.5	✳° n–$7^1/_2{}^a$, ●°–11^a, III
12	4.5	4.6	2.8	4.0	4.0	713.9	716.9	717.8	83	**65**	78	SW 2	NW 2	NW 2	10●	7	7	8.2	● n–$10^1/_2{}^a$, △° $1^1/_2{}^p$, ●° *)
13	2.1	3.4	0.6	2.0	2.0	716.4	717.9	718.2	93	79	86	SW 3	W 1	N 1	10	9	8	0.8	✳ ●° n–$0^1/_2{}^p$, ⸝ I, n ✳°
14	−1.3	0.5	0.1	−0.2	−0.2	717.1	716.3	715.0	94	88	70	N 1	NW 1	NE 1	6	10	10	.	≡° I
15	−1.0	0.5	0.3	−0.1	−0.1	714.5	715.3	715.7	84	94	98	NE 1	NE 1	NW 1	10	10*	10	4.9	✳ 10^a–n, n ●
16	1.0	4.3	1.9	2.4	2.4	715.4	716.4	715.5	98	91	100	NE 1	E 1	NW 1	10	7	10	7.8	✳ $7^3/_4$–10^a, n ●
17	4.1	7.9	6.1	6.0	6.0	715.3	713.8	714.6	88	72	83	W 1	SW 2	SW 2	8	8	10	.	p ●°
18	4.6	5.3	3.4	4.4	4.3	714.8	716.2	720.2	85	84	95	SW 3	SW 3	NW 1	10	8	10●	13.3	⸝ n–II, ● $8^1/_2{}^a$–n
19	2.6	5.7	1.9	3.4	3.3	721.8	720.1	717.3	93	78	94	W 2	W 1	NW 0	9●	7	10	1.3	●° n–8^a
20	1.1	3.2	3.9	2.7	2.6	714.1	714.5	711.7	100	92	81	NW 0	SW 2	SW 3	10●	10	10	11.6	● ✳ n–$11^1/_2{}^a$, ⸝ III–n, n ●
21	3.1	4.3	3.8	3.7	3.6	**708.9**	709.9	712.1	89	87	83	SW 3	SW 3	SW 2	10●	10●	10●	13.8	⸝ n–p, ●
22	3.1	2.7	1.9	2.6	2.4	717.3	721.5	724.4	73	73	72	W 2	SW 2	W 1	8	10	10	5.3	● ✳° n–$0^1/_2{}^p$
23	0.7	3.5	5.5	3.2	3.0	721.6	721.2	722.3	100	95	88	W 2	W 3	W 2	10*	10●	10	9.9	a ✳, ● ✳° $10^1/_2{}^a$–III, ⸝ II
24	3.0	**8.3**	1.3	4.2	4.0	721.6	720.0	718.6	89	78	96	NW 1	SW 1	NW 1	4	4	3	.	
25	0.5	2.3	3.9	2.2	1.9	719.1	719.2	721.5	100	96	98	E 0	E 1	NW 0	10●	10●	10●	4.0	a ≡², ≡ II, ● 5^p–n
26	4.3	6.8	3.0	4.7	4.4	721.5	722.5	725.1	100	88	86	NW 1	W 1	NE 2	10●	9	10	0.4	●° n–$11^1/_2{}^a$
27	0.8	1.5	2.1	1.5	1.1	723.6	722.6	722.1	87	87	95	NE 2	NE 1	N 1	9	10	10	.	
28	1.8	5.3	3.5	3.5	3.1	719.9	719.3	720.2	96	79	95	N 1	SW 1	N 0	10	7	10	3.6	≡° II, ●° III
29	3.2	4.6	2.4	3.4	2.9	720.0	718.9	717.3	100	95	96	NE 0	NE 1	NE 1	10≡	10≡	10	.	● n–$7^1/_2{}^a$, ≡ n–$1^1/_2{}^p$
30	0.2	1.8	2.2	1.4	0.9	716.8	717.8	718.6	96	94	94	NE 1	E 1	N 1	10	10	10	2.5	≡° II
31	6.5	6.7	4.5	5.9	5.3	713.5	713.6	720.9	85	85	68	SW 3	SW 3	W 1	10●	8●	3	**15.0**	● ⸝ n–5^p, △ 8^p
																		Summe	
Mittel	1.2	3.0	1.7	2.0	—	719.6	719.6	720.0	94	88	91				9.5	8.8	9.2	111.0	*) **12.** $4^1/_4$–$6^1/_2{}^p$

Januar 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	**-3.5**	2.0	-2.0	-1.2	-1.3	728.4	727.5	726.2	93	90	89	E o	E o	E o	o	o	o	.	
2	-0.8	4.0	0.6	1.3	1.3	724.8	723.9	722.7	100	64	97	NE o	NE o	NW o	10	4	10	.	
3	-1.7	4.0	-0.9	0.5	0.5	723.4	724.3	726.1	100	98	100	NE o	NE o	NE o	10	10≡	10≡	.	p n ≡²
4	-1.7	0.0	-0.3	-0.7	-0.7	727.7	727.1	727.7	100	100	100	SE 0-1	NE o	E o	10≡	10≡	10≡	.	≡²
5	1.2	4.6	6.2	4.0	4.0	727.9	728.4	730.1	85	62	40	NW 1-2	SW 2	N 1-2	o	o	o	.	
6	-0.6	0.9	-0.2	0.0	0.0	**730.6**	729.6	729.5	100	91	100	N o	N o	SE o	10≡	10≡	7	.	≡² I, ≡-II
7	0.8	5.0	-1.2	1.5	1.5	729.3	729.1	727.2	97	80	99	SE o	E o	E o	9	o	o	.	
8	0.8	1.2	0.7	0.9	0.9	726.2	726.2	726.0	97	90	92	SE o	N o	NW o	10≡	10	8	.	≡ I
9	-0.9	0.4	-1.1	-0.5	-0.5	726.9	726.2	724.8	95	80	95	SE 0-1	E o	N o	10≡	10≡	10	.	≡² I, ≡, ≡° III
10	-1.8	0.2	-0.3	-0.6	-0.6	723.3	723.3	721.9	93	80	89	SE 0-1	SE o	E o	10	10	10	0.8	≡°, n ✳°
11	0.5	3.2	2.0	1.9	1.9	720.8	720.2	717.2	95	85	100	E o	E o	E o	10	10	10	4.1	⊠
12	2.9	7.0	5.4	5.1	5.1	714.7	717.9	719.6	100	40	44	SE o	NW 3	N 1-2	10●	7	6	0.6	● n-I, p ⛈
13	0.6	3.2	1.2	1.7	1.7	719.8	720.4	721.5	72	80	60	SE o	NE o	SE 0-1	10	3	2	0.2	⛆° ✳° 10^{a}-$0^{1}/_{4}p$
14	-1.6	7.8	6.9	4.4	4.3	720.1	718.2	717.5	64	**25**	30	E 0-1	E 3	SE 3-4	o	10	10	.	⛈ $10^{1}/_{4}{}^{a}$-n
15	1.7	5.0	1.8	2.8	2.7	716.9	718.4	718.4	76	60	85	N 0-1	SE o	E o	10	9	8	.	
16	0.3	3.0	0.2	1.2	1.1	718.6	721.1	718.0	94	100	98	E o	N 1	SW o	10	10	8	0.9	n ($^{16}/_{17}$) ●°
17	4.8	8.0	5.5	6.1	6.0	718.5	717.1	717.4	60	42	85	NE 0-1	SE 2	E o	10	10	10●	1.4	● III
18	2.1	5.4	3.2	3.6	3.5	717.7	719.3	722.2	100	90	100	E o	E o	SE o	10	10	10●	5.4	● III-n
19	2.2	5.9	2.3	3.5	3.3	724.7	722.9	719.5	100	65	63	NW 0-1	SE 0-1	N 0-1	10●	4	10	0.3	●° I
20	4.9	3.4	1.2	3.2	3.0	716.3	718.5	714.8	45	90	73	NW 2	N o	SE o	10	10	6	.	Ψ² III
21	5.9	**8.6**	2.5	5.7	5.5	**710.8**	712.1	714.4	40	36	100	S 1-2	E o	SE 0-1	10	10	10●	8.3	● III-n
22	2.9	3.3	1.3	2.5	2.2	718.4	723.1	726.8	97	60	87	E 0-1	NE 1	SE o	10●	10*	10*●	1.7	● I, ⛈ ✳ II, ✳ ●° III
23	0.7	1.4	1.9	1.3	1.0	724.5	723.2	724.8	83	100	100	SE 1	E o	E o	10*	10●	10●	**21.9**	✳ n-o^{p}, ●-n ⊠
24	1.8	5.4	0.3	2.5	2.1	724.6	723.3	721.3	100	80	98	SE o	NE o	SE o	10	1	o	.	
25	-2.5	5.2	4.3	2.3	1.9	722.0	722.1	723.6	96	55	78	E o	E o	NW o	o	3	10●	2.9	● $6^{3}/_{4}{}^{p}$-n
26	3.6	5.8	4.2	4.5	4.0	724.2	725.3	727.8	100	100	85	SE o	E o	NW o	10●	10●	10●	4.9	●
27	2.7	3.8	1.9	2.8	2.3	726.2	726.1	724.3	94	75	87	E o	N 1	NW o	10	7	10	.	≡° I
28	0.8	5.4	3.6	3.3	2.7	722.5	722.7	722.7	92	62	93	SE o	N o	NW o	10	6	10●	1.3	● III
29	3.3	5.4	3.8	4.2	3.6	722.6	722.3	719.8	100	95	100	E o	E o	NE o	10●	10	10≡	1.3	● I, ≡ III-n
30	2.4	2.6	2.8	2.6	1.9	719.7	721.2	721.5	100	95	100	NW o	N 1	NW o	10≡	10	10≡	.	≡ I, III
31	2.1	6.6	7.7	5.5	4.8	716.5	716.1	722.4	98	60	35	E o	E o	SE 1	10	10●	8	4.9	≡° I, ●° II, ⛈ ● $4^{3}/_{4}$-$7^{1}/_{4}{}^{p}$
																		Summe	
Mittel	1.1	4.1	2.1	2.4	—	722.2	722.5	722.5	89	75	84				8.7	7.6	7.8	60.9	

Januar 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m}/_{m}$.

1	**-2.4**	-1.3	**-2.4**	-2.1	-1.9	733.8	731.9	731.4	96	98	96	WNW o	WNW 0	WNW o	10	10	10	.	a ⌴
2	-1.6	2.2	-0.2	-0.5	-0.3	730.0	728.5	728.0	96	80	98	WNW o	WNW 0	WNW o	10	8	10≡	.	a ⌴, ≡² III-n
3	-0.4	0.1	0.6	-0.3	0.0	728.2	728.9	729.7	98	96	98	W o	W o	W o	10≡	10≡	10	.	≡ n-p
4	-0.6	0.1	0.2	-0.1	0.2	732.3	732.5	732.7	98	98	98	N o	NNW 1	NNE o	10	10	10	.	
5	-0.4	0.0	-0.4	-0.3	0.0	733.4	734.3	735.0	98	98	94	NE 1	ENE 1	ENE o	10	10	10	.	
6	-1.8	-0.3	0.3	-0.6	-0.3	**736.1**	735.0	734.7	98	96	98	ENE o	ENE o	ENE o	10	10	10●	3.0	● $6^{1}/_{4}{}^{p}$-n
7	1.2	5.2	1.2	2.2	2.5	734.3	733.0	732.1	96	80	96	ENE o	ENE o	ENE o	10	7	10≡	.	≡ III
8	-0.4	2.1	1.4	0.9	1.2	731.7	729.9	730.6	96	96	93	ENE o	NNE 1	NNE o	10≡	10	10	.	≡
9	0.4	1.4	0.5	0.7	1.0	731.4	730.5	728.6	96	90	92	NNE o	NNE o	NNE o	10	10	10	.	≡
10	-0.5	1.5	1.2	0.4	0.7	727.7	726.7	727.0	96	74	85	ENE o	NNE 1	NNE o	10	10	10	.	a ≡, △° $5^{3}/_{4}$-$6^{1}/_{4}{}^{p}$
11	0.6	8.4	8.2	4.5	4.8	726.5	724.4	720.9	94	66	94	NW o	WNW 1	SW o	7	6	10	8.8	● 8^{p}, n
12	6.3	6.2	4.0	5.8	6.1	724.0	725.3	725.3	83	58	73	SW 1	SSW 1	WNW 0	9	9	10	2.6	△ o^{p}, ● $3^{1}/_{2}{}^{p}$, n ● ✳
13	4.1	7.9	3.2	4.5	4.8	725.2	725.6	725.6	74	**48**	93	SSW 1	SSW 1	WSW o	10	3	6	.	
14	-0.1	2.7	1.8	1.7	2.0	724.1	722.6	722.6	96	79	85	WSW o	WSW 1	W o	8	10	10	1.7	a ⌴°, n ● ✳
15	0.6	1.6	2.8	1.5	1.8	722.5	722.6	723.1	96	98	93	NW o	WSW o	NNW o	10	10●	10	5.9	● o-$4^{1}/_{2}$, $10^{1}/_{2}{}^{p}$-n
16	4.2	8.2	7.8	5.7	6.0	723.1	724.0	723.1	98	65	52	S 1	SW 2	SW 1	8	4	8	5.6	⛈ II, n ●
17	6.4	9.4	6.8	6.9	7.1	723.0	722.1	723.1	76	60	71	SW 1	SSW 1	W 1	7	9	8	3.7	● $1^{3}/_{4}$-$4^{1}/_{2}{}^{p}$, n
18	6.1	6.2	5.4	5.8	6.0	723.1	724.4	728.7	71	76	70	SSW 1	SSW 2	SSW 2	10	10●	10●	2.9	⛈, ● $1^{1}/_{2}$-$4^{1}/_{2}$, $9^{1}/_{2}{}^{p}$-n
19	4.0	7.4	4.1	5.0	5.2	729.8	727.7	723.7	70	64	72	SSW 1	NW o	NNE o	7	9	9	0.2	
20	4.3	5.8	4.8	4.8	4.9	721.3	722.7	720.5	80	75	65	ESE 1	SSW 1	SSW 1	10	8	10	8.0	● ✳ 9^{a}-o^{p}, n ●
21	3.8	4.8	4.0	4.8	4.9	**718.7**	719.1	721.1	87	80	80	SSW 1	SSW 2	SSW 2	10●	10●	10●	9.2	⛈, ● $7^{1}/_{2}{}^{a}$-$1^{1}/_{2}$, $7^{1}/_{2}$-$10^{1}/_{2}{}^{p}$,
22	3.4	5.0	3.0	3.9	4.0	727.5	730.4	731.7	83	54	71	SSW 1	SSE 1	NW o	10	8	10	2.2	✳ $10^{1}/_{2}{}^{p}$, n ✳ ● [n
23	0.4	3.7	4.2	2.8	2.8	729.6	731.0	731.0	98	98	98	NW o	NNW 1	NNW o	10●	10●	9	**9.8**	● $7^{1}/_{2}{}^{a}$-$4^{1}/_{2}{}^{p}$
24	4.2	6.4	3.0	4.7	4.7	729.4	727.3	725.9	87	83	90	ENE 1	N 1	N o	9	5	4	.	
25	-0.4	5.1	4.4	2.8	2.7	726.5	727.1	728.8	100	78	93	S o	SW o	SW o	2	10	10	0.9	a ⌴, ● $7^{1}/_{2}{}^{p}$
26	4.2	**10.8**	7.0	6.8	6.7	729.6	730.3	730.6	97	76	85	NNW o	SW o	W 1	10	10	10	.	
27	3.2	4.2	3.0	3.3	3.2	729.9	730.0	729.5	87	80	90	ENE 1	NNE 1	NE o	6	10	6	.	
28	1.6	4.2	4.4	3.1	2.9	727.4	726.9	726.7	96	84	92	SSW 1	W 1	W o	10	10	10●	1.3	● $7^{1}/_{2}$-$10^{1}/_{2}{}^{p}$
29	4.1	5.4	5.2	4.7	4.4	727.5	726.0	724.5	97	92	94	W o	NNW 1	N o	10≡	10	10	0.4	a ≡, n ●
30	4.0	5.4	5.4	5.0	4.7	723.7	725.0	725.6	93	83	85	NNE o	NNE 1	ENE o	10	10	10	.	
31	7.2	8.8	6.8	7.8	7.4	723.4	723.0	723.5	80	80	53	SW 2	SW 3	S o	10●	10●	4	7.0	⛈ n-II, ● $7^{1}/_{2}{}^{a}$-$1^{1}/_{2}$, $4^{1}/_{2}{}^{p}$,
																		Summe	[n
Mittel	2.1	4.5	3.3	3.1	—	727.6	727.4	727.5	91	80	85				9.1	8.9	9.2	73.2	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind $7^{35}a$, 1^{35} u. $9^{35}p$.

$\lambda = 8°\,33'$, $\beta = 47°\,23'$,
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

Januar 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−3.8	0.0	−4.1	−2.6	−1.3	725.7	723.3	722.5	100	100	100	SW 0	W 0	SW 0	10≡	2	1	.	a ≡, ⋁, ≡° II
2	−2.2	1.9	−0.6	−0.3	1.1	721.8	720.4	719.9	100	83	91	E 0	E 0	E 0	10	7	3	.	≡° ⋁ n–II [n ∽°
3	−1.4	0.4	−1.6	−0.9	0.5	720.0	720.5	722.4	100	92	100	E 0	E 0	E 0	10≡	4	10≡	.	a ≡² ⋁°, p ≡°, ≡² $4^{1}/_{2}{}^{p}$–n,
4	−3.5	−2.6	−2.5	−2.9	−1.5	724.5	724.4	725.0	100	100	100	E 0	W 0	E 0	10≡	10	10	.	a ≡² ∽°, ⋁, p ≡°–≡
5	−2.8	−2.1	−3.4	−2.8	−1.4	725.5	725.9	727.5	100	100	100	E 0	W 0	E 0	10≡	10	10≡	.	≡² ⋁, ≡° II
6	−4.6	−1.9	−0.9	−2.5	−1.1	**727.9**	726.7	726.7	100	100	99	E 0	NW 0	W 0	10≡	2	10	.	≡² n–$11^{1}/_{2}{}^{a}$, ⋁, ≡° $4^{1}/_{2}{}^{p}$–
7	−0.2	5.0	−0.6	1.4	2.8	726.7	725.6	724.2	100	76	94	E 0	W 1	NE 0	10	1	1	.	a ≡° [n
8	−2.0	−1.0	−2.0	−1.7	−0.2	723.3	722.6	723.1	100	89	95	NE 0	NE 0	NE 1	10	10	10	.	a ≡° ⌴
9	−2.8	−2.0	−2.9	−2.6	−1.1	724.1	723.1	721.7	100	91	96	NE 0	E 0	E 0	10	10	10	.	a ≡°–≡
10	−3.6	−2.8	−2.4	−2.9	−1.4	720.5	719.6	719.1	92	84	84	E 0	NE 0	NE 0	10	10	10	2.5	✳ $10^{1}/_{2}{}^{p}$–n
11	−1.8	−0.2	−1.1	−1.0	0.5	718.1	716.9	713.9	92	81	88	N 0	E 1	NE 0	10✳	10	10●	8.1	✳ n–l, ●° ✳°–10a, ● III- ⊠
12	5.0	5.0	2.6	4.2	5.7	712.5	715.2	716.8	78	76	71	SW 3	SW 2	SW 1	10●	9	7	2.3	n a ● ✳ [n ⊠
13	0.2	0.6	−0.4	0.1	1.6	716.5	717.0	718.3	97	100	98	E 0	NW 1	NE 1	10✳	10✳	S	8.7	✳ n–9, $9^{3}/_{4}$–$10^{1}/_{2}{}^{a}$, ✳° ⊠
14	−3.0	1.1	−2.2	−1.4	0.1	717.5	716.1	714.9	100	75	83	E 0	SW 0	NE 0	3	8	4	.	[11^{a}–3^{p} ⊠
15	−4.2	0.3	−0.9	−1.6	−0.1	714.7	715.5	715.6	91	75	82	E 0	W 0	W 0	7	9	10	.	⊠
16	−1.2	3.3	0.4	0.8	2.2	715.4	716.3	714.8	89	79	95	NE 0	SW 0	E 0	8	9	10	2.7	✳° ●° $10^{3}/_{4}{}^{a}$–$0^{1}/_{2}{}^{p}$ ⊠
17	3.0	6.4	5.0	4.8	6.2	715.4	714.1	713.9	85	66	72	W 0	S 0	SE 1	9	7	9	0.9	● n–l, ●° $4^{1}/_{2}$–5^{p}, n ⊠
18	5.0	5.2	4.4	4.9	6.3	714.2	715.4	718.6	68	76	71	W 1	SW 1	SW 2	10	9	10	6.2	● n–$11^{1}/_{4}{}^{p}$, n, III
19	3.0	6.8	1.4	3.7	5.1	720.9	719.8	717.0	80	64	88	W 1	W 0	SE 0	6	3	9	.	● $2^{1}/_{4}$–$2^{3}/_{4}$, $4^{3}/_{4}$–$5^{1}/_{4}{}^{a}$
20	0.6	3.5	1.1	1.7	3.1	714.0	714.3	711.9	89	81	91	SW 0	SW 1	E 1	10	9	7	1.1	⌴ l, ✳ ●° $10^{3}/_{4}{}^{a}$–$0^{1}/_{2}{}^{p}$, *)
21	2.2	7.6	3.8	4.5	5.8	**707.9**	708.5	710.4	81	**50**	71	SW 1	SW 3	SW 2	10	7	10	8.6	⌒, ● $2^{1}/_{2}$–$11^{3}/_{4}{}^{p}$, ✳^{2} *) ⊠
22	2.8	2.9	1.5	2.4	3.7	715.4	719.4	723.5	83	81	67	SW 2	SW 2	W 1	10●	8	10	2.0	● $5^{1}/_{2}$–$8^{1}/_{2}{}^{a}$, ⌒, ●° ✳° *)
23	0.0	3.5	5.8	3.1	4.4	720.8	719.1	720.9	98	83	84	S 1	SW 2	W 1	10✳	10●	8	**13.4**	✳ 6–$11^{1}/_{2}{}^{a}$, ● ✳–II, ● ⊠
24	5.8	**8.1**	1.5	5.1	6.3	721.2	719.7	717.9	75	63	95	W 1	W 1	E 0	10	8	0	.	[⌒–5^{p}
25	0.0	5.4	7.0	4.1	5.3	718.7	718.2	719.9	100	71	64	S 0	NW 0	SW 2	4	8	8	0.7	⌴ l, ≡–$9^{1}/_{2}{}^{a}$, ●° $2^{3}/_{4}$–4, 7^{p},
26	4.8	5.6	1.7	4.0	5.1	720.6	722.0	725.4	93	97	78	W 0	NW 0	NE 1	10●	10●	10	4.3	[n ⌒ ● n–$4^{1}/_{2}{}^{p}$
27	−0.8	1.0	0.2	0.1	1.2	723.7	721.9	721.2	86	79	89	NE 1	NE 0	SW 0	4	10	10	.	⌴° I
28	1.1	4.6	3.2	3.0	4.0	719.7	719.0	719.6	89	71	83	SE 0	S 0	NW 0	10	8	10	0.5	a ≡°, ●° $5^{1}/_{4}{}^{p}$–n
29	1.4	1.5	−0.4	0.8	1.8	720.0	719.2	717.7	93	94	92	NE 1	E 1	NE 1	10	10●	10	1.5	● $11^{1}/_{2}{}^{a}$–$3^{1}/_{2}{}^{p}$
30	−2.5	−0.6	−0.2	−1.1	−0.2	717.3	717.8	718.2	89	80	91	NE 1	NE 1	E 0	10	10	10	0.2	●° 8^{a}, 9^{p}
31	6.0	7.5	2.0	5.2	6.1	713.2	711.6	719.9	73	80	82	SW 2	W 4	E 0	10●	10●	1	7.2	⌒ n–l, ● 7^{a}–$4^{1}/_{2}$, $7^{1}/_{4}{}^{p}$, ⌒
																		Summe	[11^{a}–p
Mittel	0.0	2.4	0.5	1.0	—	719.3	719.0	719.4	91	82	87				9.1	8.0	7.9	70.9	.

[*) **20.** ⌔² $10^{1}/_{2}{}^{p}$ *) **21.** 7–$8^{1}/_{4}{}^{p}$ *) **22.** $10^{1}/_{2}{}^{a}$–$0^{1}/_{2}{}^{p}$, ✳° $2^{1}/_{2}$–4^{p}

$\lambda = 8°\,30'$, $\beta = 47°\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

Januar 1913.
Beobachter: *Hospenthal.*

1	2.4	**5.2**	2.2	3.3	7.8	619.8	618.5	616.8	**30**	34	**30**	NW 0	W 0	W 0	0	0	0	.	
2	−1.0	1.2	0.0	0.1	4.6	615.2	614.4	613.9	93	72	73	NW 1	S 0	SW 1	10	3	7	.	
3	−1.4	1.4	−0.8	−0.3	4.2	613.9	614.2	616.7	68	54	60	E 0	SE 0	SE 0	0	0	0	.	
4	−0.8	1.2	0.2	0.2	4.7	616.9	616.9	617.3	55	60	53	SE 0	SE 0	SE 0	0	0	0	.	
5	−0.8	1.2	0.6	0.3	4.8	617.8	618.5	620.0	53	45	40	S 3	S 0	S 0	0	0	0	.	⌒ I
6	−0.6	1.6	−0.8	0.1	4.6	**620.5**	619.2	619.2	43	44	53	E 0	S 0	S 0	0	0	0	.	
7	−1.6	−0.2	−0.4	−0.7	3.9	619.2	618.2	616.8	93	83	65	S 0	E 0	SW 2	7	0	3	.	
8	−1.4	0.8	−2.2	−0.9	3.7	615.7	614.8	615.8	40	35	54	S 0	S 0	S 0	0	0	3	.	
9	−1.2	−0.4	−2.0	−1.2	3.4	616.1	616.5	614.1	45	50	45	NE 0	E 1	E 0	0	0	0	.	
10	−3.2	−2.4	−3.6	−3.1	1.5	612.1	611.2	611.2	50	54	88	NE 0	W 1	NW 2	0	5	10	0.4	n ($^{10}/_{11}$) ✳° ⊠
11	−2.6	−3.0	−3.0	−2.9	1.7	610.9	609.8	607.4	100	100	100	NW 3	W 1	W 1	10	10	10✳	1.5	⌒ l, ⊹ ✳ III ⊠
12	−3.8	−6.6	−7.4	−5.9	−1.3	606.2	608.1	609.3	100	100	100	W 4	W 4	NW 3	10≡✳	5≡	10≡	0.6	⊹ ✳° I, ≡ ⌒ ⊠
13	−6.8	−5.8	−8.2	−6.9	−2.3	608.5	609.1	611.8	100	100	100	W 3	W 3	NW 1	10≡	10	3	0.5	≡ l, a ✳°, ⌒ n–II ⊠
14	−7.4	−3.0	−3.0	−4.5	0.1	609.9	608.6	608.2	90	45	46	SW 2	SE 2	SE 3	1	7	7	.	⌒ III ⊠
15	−3.8	−3.2	−3.6	−3.5	1.1	607.7	608.3	609.0	60	53	80	S 2	NW 1	SW 0	5	7	5	0.2	n ($^{15}/_{16}$) ✳° ⊠
16	−3.6	−4.8	−2.2	−3.5	1.1	609.0	609.2	608.8	93	100	34	SW 1	W 2	SW 2	7	5	3	0.1	⊠
17	−4.4	−1.4	−3.0	−2.9	1.7	609.0	608.1	608.4	100	59	100	NW 0	SW 1	W 4	10	10✳	10✳	1.0	p ⊹ ✳, ⌒ III–n ⊠
18	−4.6	−4.4	−5.2	−4.7	−0.1	608.0	608.7	611.7	100	100	100	W 4	W 3	W 3	10≡	10	10✳≡	2.0	⌒ l, ⌒ ≡, ≡° II, ✳ III ⊠
19	−6.0	−4.8	−4.4	−5.1	−0.5	613.1	612.5	611.3	100	100	42	W 3	SW 0	SW 0	10≡	5	7	.	⌒ ≡ n–l, ≡°–II ⊠
20	−3.6	−5.6	−4.8	−4.7	−0.1	608.9	608.3	605.8	43	100	58	SE 1	NW 3	NW 3	10	10≡	0	0.5	≡ II, p ⌒ ⊠
21	−3.8	−3.2	−6.0	−4.3	0.3	**602.6**	603.4	605.9	96	65	100	NW 4	NW 2	W 4	10✳	7	7	1.8	✳ ⊹ ⌒ n–l, ⌒ III–n ⊠
22	−6.4	−7.4	**−9.2**	−7.7	−3.1	608.1	611.1	614.4	100	100	100	W 4	W 4	W 3	10≡	10≡	7	3.5	≡ ✳ n–II, ⌒, ⌒ III ⊠
23	−5.0	−1.8	−1.2	−2.7	1.9	612.2	611.7	614.4	100	100	100	W 4	W 4	SW 3	10≡	10≡	10	4.1	≡ n–II, ⌒, ⌒ III, n ✳ ⊠
24	−3.0	−1.8	−0.4	−1.7	2.9	614.3	613.2	612.2	100	100	100	SW 1	W 2	SW 2	10≡	1≡	3	.	≡ n–II ⊠
25	−2.2	0.6	−1.0	−0.9	3.7	612.2	612.4	614.3	96	32	100	W 3	W 3	SW 2	0	7	3	1.6	⌒ n–II, n ✳ ⊠
26	−0.6	−1.8	−4.0	−2.1	2.4	614.7	615.0	616.3	100	100	100	W 2	W 2	W 0	10≡	10≡	10≡	**13.5**	≡ n ✳ ⊠
27	−5.0	−0.2	1.0	−1.4	3.1	615.1	614.7	614.5	100	93	38	E 0	SW 1	SW 2	0	1	3	.	⊠
28	−2.0	−1.0	−1.6	−1.5	3.0	613.0	612.6	613.2	100	100	100	NW 1	NW 1	NW 2	10	10≡	10≡✳	4.8	p ≡, ✳ III–n ⊠
29	−1.2	−0.6	−0.4	−0.7	3.8	613.0	612.3	611.0	100	100	100	W 1	W 1	W 0	10≡	10≡	10≡	.	≡ ⊠
30	−1.8	0.6	−1.8	−1.0	3.5	610.2	610.2	611.1	100	83	100	NW 1	NE 0	NW 1	10≡	10	10≡	.	≡ I, III ⊠
31	−0.6	−0.2	−6.0	−2.3	2.2	606.9	606.2	612.3	90	100	100	W 3	W 4	W 4	10	10≡	10✳	1.9	⌒ l, ⌒, ≡ II, ✳ ⊹ III ⊠
																		Summe	
Mittel	−2.8	−1.6	−2.7	−2.4	—	612.3	612.1	612.7	82	76	76				6.1	5.6	5.5	38.0	

Januar 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712.6^m$, $G = -0.12\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	-13.0	-5.0	-10.2	-9.4	0.7	625.7	624.3	623.9	72	60	67	W 1	— 0	NE 1	1	2	2	.	
2	-9.8	-0.6	-9.4	-6.6	3.5	622.0	620.8	620.3	75	57	78	— 0	SW 1	— 0	10	3	0	.	
3	-12.6	-4.2	-10.0	-8.9	1.3	619.7	620.0	622.1	92	78	85	— 0	— 0	W 1	3	0	0	.	
4	-13.0	-5.9	-11.8	-10.2	0.0	623.7	624.0	625.5	89	70	80	W 1	— 0	N 1	0	0	0	.	
5	-8.2	-1.6	-5.0	-4.9	5.3	626.5	626.9	**628.2**	86	65	73	— 0	S 1	— 0	10	10	10	.	
6	-14.6	-6.1	-11.9	-10.9	-0.6	627.8	626.1	625.8	97	76	80	NE 1	— 0	W 1	0	0	0	.	
7	-14.3	-6.0	-11.4	-10.6	-0.3	625.3	624.6	624.6	87	74	80	NE 1	— 0	N 1	0	1	0	.	
8	-15.4	-7.2	-10.8	-11.1	-0.8	623.4	622.2	623.0	84	87	75	NE 1	S 1	— 0	0	1	10	.	
9	-14.5	-6.2	-13.0	-11.2	-0.9	622.8	622.2	620.2	79	64	70	— 0	— 0	NW 1	2	0	0	.	
10	**-16.4**	-7.0	-7.8	-10.4	-0.1	618.2	616.5	616.7	75	66	74	— 0	SW 1	N 1	0	2	10	.	
11	-6.6	0.0	-4.0	-3.5	6.8	616.6	615.2	614.5	70	59	70	W 1	S 2	— 0	10	7	10	0.6	n ($^{11}/_{12}$) ✳°
12	-4.8	-3.5	-8.6	-5.6	4.7	611.3	612.2	614.4	90	87	82	— 0	NE 1	NE 1	10*	10*	6	3.9	✳ n–p, ☂ II
13	-16.2	-7.4	-16.1	-13.2	-2.9	615.3	615.0	617.0	84	57	74	NE 1	E 1	NE 1	7	5	0	.	
14	-16.2	-8.6	-14.0	-12.9	-2.6	617.5	616.8	617.5	75	62	70	N 1	— 0	W 1	3	6	6	.	
15	-9.8	-3.0	-7.6	-6.8	3.4	616.1	615.2	615.8	88	74	92	— 0	— 0	W 1	10	10*	7	2.0	✳ II
16	-10.8	-2.2	-12.6	-8.5	1.7	615.8	614.9	617.5	90	74	85	NW 1	— 0	W 1	10	10*	0	2.5	✳ II
17	-11.0	-3.5	-4.0	-6.2	3.9	616.6	615.7	614.8	86	80	96	NE 1	— 0	W 0	10	10*	10	3.6	✳ II
18	-7.8	-3.7	-7.8	-6.4	3.6	614.2	614.4	616.7	95	74	89	NE 1	NE 0	W 1	10	3	5	.	
19	-12.4	-5.2	-11.2	-9.6	0.4	618.7	618.7	618.4	89	65	72	N 1	SW 1	W 1	5	1	10	.	
20	-9.0	-4.6	-8.4	-7.3	2.6	615.9	613.1	612.8	76	82	96	E 0	NE 1	N 1	10	10*	10	5.7	p ✳
21	-12.2	-2.5	-10.2	-8.3	1.5	610.6	**610.1**	610.5	90	68	85	SE 1	S 1	E 0	10	2	10	0.6	n ($^{21}/_{22}$) ✳°
22	-8.4	-1.6	-7.4	-5.8	3.9	613.4	615.2	619.5	90	50	72	E 1	SW 2	NE 1	10*	10	9	3.1	✳ ☂
23	-11.6	-7.0	-0.6	-6.4	3.2	618.9	617.9	619.5	81	82	100	E 1	N 1	N 1	10	10*	10*	**15.5**	✳
24	-8.1	-1.8	-11.2	-7.0	2.5	619.6	619.3	619.6	94	70	80	NE 0	NE 0	W 1	0	2	0	.	
25	-14.0	-2.6	-3.4	-6.7	2.8	618.8	618.4	619.6	89	65	78	SE 1	W 0	NE 1	0	3	6	.	
26	-3.6	**3.4**	0.4	0.1	9.5	619.5	619.0	621.0	86	64	66	E 0	W 2	SW 3	8	8	8	.	✳° 0–1ᵖ, ↙ᵛ III
27	-11.0	-1.6	-12.6	-8.4	0.9	622.7	621.8	621.0	88	65	83	S 0	SW 2	N 1	10	2	0	.	
28	-13.3	2.6	-7.2	-6.0	3.2	618.5	617.8	618.7	85	**43**	75	SE 1	N 1	NE 1	5	9	0	.	
29	-4.4	-0.2	-4.6	-3.1	6.0	618.5	618.0	617.6	85	94	94	W 0	N 0	N 1	10	10*	10	.	✳° II
30	-6.0	-3.4	-5.6	-5.0	4.0	616.4	616.9	618.7	95	74	86	S 2	S 2	NE 1	10	10	10	.	
31	-8.0	-4.8	-6.0	-6.3	2.6	616.6	614.9	617.7	95	73	91	S 2	S 2	NW 2	10	9	10	0.8	n ($^{31}/_{1}$) ✳°
																		Summe	
Mittel	-10.9	-3.6	-8.5	-7.7	—	618.9	618.3	619.1	86	70	80				6.3	5.3	5.5	38.3	

Januar 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^m$, $G = 0.00\,{}^m/_m$.

1	-1.3	4.2	0.3	1.1	2.3	717.4	719.9	718.6	60	45	61	NE 0	NE 0	E 0	0	0	0	.	⌊ I
2	-0.6	4.0	3.0	2.1	3.3	717.4	716.2	715.4	83	60	73	SW 0	E 0	SW 0	10	10	10	.	⌊ I
3	0.3	4.2	1.0	1.8	3.0	715.3	716.0	718.4	81	69	85	NE 0	SW 0	E 0	0	0	0	.	⌊ I
4	-1.0	4.2	1.4	1.5	2.7	721.3	719.7	720.0	85	52	69	NE 0	E 1	E 0	0	0	0	.	⌊ I
5	3.2	7.0	4.0	4.7	5.9	722.1	722.3	724.6	51	45	50	NE 1	E 0–1	E 0–1	0	0	0	.	⌊ I
6	0.0	5.0	2.5	2.5	3.8	**724.7**	722.7	722.6	63	45	63	E 1	NE 0	E 0	0	0	0	.	⌊ I
7	2.0	6.2	1.8	3.3	4.6	721.9	720.3	721.1	67	54	73	SE 1	S 0	NE 0	2	0	0	.	⌊ I
8	1.5	5.0	1.4	2.6	3.9	718.7	717.1	718.7	60	49	73	E 0–1	E 0–1	NE 0	0	2	0	.	⌊ I
9	-0.6	5.2	-0.7	1.3	2.5	719.4	717.4	717.0	62	**42**	92	E 1	SE 0	NE 0	3	5	0	.	⌊ I
10	-2.2	1.7	0.8	0.1	1.3	715.4	713.9	714.7	76	72	92	E 1	SW 0–1	SW 0	2	9	10≡	.	⌊ I, ≡ III
11	-0.3	3.6	3.3	2.2	3.4	715.2	711.6	709.5	91	66	66	SW 0–1	SSE 0	NE 0	10	0	10	6.9	n ($^{11}/_{12}$) ●
12	4.8	6.8	1.8	4.5	5.7	709.2	711.7	713.0	75	43	92	S 0–1	SW 0–1	SW 0	10	10	2	1.1	n ($^{12}/_{13}$) ✳
13	0.8	3.9	-0.4	1.4	2.6	712.9	713.1	714.5	81	76	85	NE 0	SW 0–1	E 0	10●*	8	0	1.6	● ✳ n–10ª
14	-2.4	1.2	2.4	0.4	1.6	713.4	711.5	712.4	64	59	**42**	NE 0	NE 0	NE 0	1	10	10	.	⌊ I
15	1.6	3.9	3.8	3.1	4.2	710.8	710.5	711.2	49	50	51	E 0	E 0	NE 0	2	10	4	.	⌊ I
16	1.8	2.0	1.5	1.8	2.9	711.7	713.5	712.9	76	97	85	E 0	E 0	E 0	9	9	8	1.0	✳ 11ª–1ᵖ
17	0.6	2.1	0.8	1.2	2.2	713.1	712.2	711.6	100	85	100	SE 0–1	SE 0–1	SW 0	10*	10*●	10*●	9.6	✳ n–9ª, ● ✳ 1–5, 9ᵖ–n
18	1.0	3.0	2.0	2.0	2.9	711.1	712.2	711.6	100	87	96	SW 0–1	SW 0	SW 0	10*●	10●	10●	**11.8**	● ✳ n–9ª, ●
19	1.5	3.6	1.8	2.3	3.2	717.6	716.4	714.2	99	72	66	NE 1	E 1	NE 0	10	10	0	.	
20	0.8	1.8	-0.6	0.7	1.5	711.5	711.0	709.5	67	88	99	E 0	SE 0	NE 0	10	10	0	4.9	⌊ I, ✳ 10ª–1ᵖ
21	-1.2	1.0	0.7	0.2	0.9	**706.6**	706.7	708.4	100	90	100	SW 1	E 0	NE 0	10*	10	10*	8.9	✳ n–10ª, 3ᵖ–n
22	1.6	4.7	-0.2	2.0	2.7	711.8	716.2	720.1	94	50	56	E 0	SW 1–2	NE 0	10	10	0	7.9	
23	-2.2	0.0	0.0	-0.7	-0.1	718.5	718.7	718.4	100	87	95	NNE 1	SE 0–1	NE 0	10*	10*	10	8.8	✳ 5ª–2ᵖ, ●–5ᵖ
24	1.3	3.8	-1.1	1.3	1.9	718.3	716.7	715.0	100	72	100	NE 0–1	E 0	NE 0–1	10	0	0	.	
25	-3.0	2.4	1.2	0.2	0.7	715.2	714.9	717.2	86	62	84	E 0	SSE 0	SW 0	0	10	10	1.0	⌊ I
26	1.9	3.8	3.8	3.2	3.6	717.0	717.4	718.6	96	80	85	SW 0	SW 0	NE 0	10●	9	10	0.5	● n–I
27	2.8	4.8	1.3	3.0	3.3	718.4	717.6	717.2	94	55	74	NE 0–1	E 0	E 0	10	0	0	.	
28	-2.8	3.3	2.0	0.8	1.1	715.3	714.4	715.2	83	48	72	NE 0	NE 0	E 0	7	6	10	.	⌊ I
29	2.2	**7.1**	3.3	4.2	4.4	715.0	717.8	712.2	82	60	85	SE 0	S 0	NE 0	10	10	4	.	
30	1.2	5.8	3.9	3.6	3.7	711.6	716.8	714.5	100	62	89	NE 0	SE 0	SW 0	10	0	5	.	
31	1.8	4.0	4.6	3.5	3.5	711.5	709.5	715.9	90	94	74	SW 0	SE 0–1	SW 1	10	10●	0	5.4	● 9ª–2ᵖ, ≡ 4ᵖ
																		Summe	
Mittel	0.5	3.9	1.7	2.0	—	715.5	715.3	715.6	81	65	78				6.3	6.1	4.2	69.4	

$\lambda = 8^\circ\,57'$, $\beta = 46^\circ\,0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^m/_m$.

Lugano.

Januar 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	−2.6	4.0	1.0	0.8	−0.5	747.3	745.1	746.4	92	74	95	N 0	SE 0	N 0	0	0	0	.	⌙ n–I
2	0.0	3.2	2.8	2.0	0.7	744.5	742.8	742.9	93	77	89	N 0	NW 0	N 0	10	10	8	.	
3	−1.0	4.6	1.8	1.8	0.5	740.4	740.8	742.9	96	74	86	N 0	N 0	N 0	0	0	0	.	
4	−1.2	5.2	3.0	2.3	1.0	744.7	745.4	747.4	91	72	95	N 0	E 0	N 0	0	0	0	.	⌙ n–I
5	2.2	5.0	4.0	3.7	2.5	749.0	749.1	**749.6**	96	87	95	N 0	N 0	N 0	10	10	10	.	
6	1.4	7.2	3.0	3.9	2.7	749.1	747.1	746.8	84	72	89	N 0	S 0	N 0	0	0	0	.	
7	0.4	5.2	2.0	2.5	1.3	745.1	744.5	745.1	80	78	89	N 0	NNE 0	N 0	0	1	0	.	
8	−1.0	5.4	1.5	2.0	0.8	744.2	743.8	744.9	87	74	88	N 0	E 0	N 0	0	0	0	.	⌙ n–I
9	−2.2	3.6	1.0	0.8	−0.4	744.5	742.8	743.4	94	66	85	N 0	E 0	NNE 0	0	0	10≡	.	≡² III–n
10	−2.4	0.0	1.0	−0.5	−1.7	740.4	739.6	740.4	97	83	93	NNE 0	NNE 0	N 0	10≡	10≡	10≡	.	≡²
11	−2.0	2.2	2.0	0.7	−0.5	740.1	737.4	737.3	91	72	85	N 0	SW 0	N 0	10	0	5	.	≡° III
12	0.6	4.6	4.8	3.3	2.1	731.3	730.8	734.1	90	65	60	N 0	W 0	NNE 1	10	0	0	.	
13	0.2	6.2	1.8	2.7	1.5	735.1	735.3	737.1	54	57	74	N 0	SSE 0	N 0	0	0	0	.	
14	**−2.8**	2.6	1.8	0.5	−0.7	739.0	739.0	738.8	81	55	80	N 0	N 0	N 0	0	10	10*	2.3	⌙ n–I, ✳ III–n
15	0.2	1.6	1.6	1.1	−0.2	737.1	737.2	737.2	96	96	96	N 0	NNE 0	N 0	10*	10	10	**8.4**	a ✳, p ✳°
16	1.4	3.0	2.4	2.3	1.0	737.1	737.0	737.8	94	93	85	N 0	NNE 0	N 0	10	10	8	.	
17	0.6	3.4	3.0	2.3	1.0	738.1	737.7	736.9	90	85	95	N 0	N 0	N 0	10	10	10	.	⌙ I, ●° $4^{1}/_{2}{}^{p}$
18	1.0	5.0	1.8	2.6	1.3	735.0	733.9	736.1	95	87	99	N 0	S 0	N 0	10	0	0	.	
19	−0.8	6.8	2.8	2.9	1.5	739.1	738.7	738.6	79	68	95	N 0	S 0	NW 0	0	0	2	.	⌙² n–I
20	1.4	0.6	1.0	1.0	−0.4	738.0	735.0	734.4	92	96	95	S 0	NNE 0	N 0	10	10*	10	6.8	≡° I, ✳ 8^{a}–p ☒
21	−1.0	4.0	1.0	1.3	−0.1	730.7	**730.3**	731.8	99	67	87	N 0	N 0	N 0	10	**8**	6	.	☒
22	−1.4	**8.8**	4.0	3.8	2.3	733.0	734.3	739.6	92	**36**	**36**	N 0	NNE 1	NNE 2	0	0	0	.	↙ III
23	1.0	7.4	2.8	3.7	2.2	739.2	738.0	738.7	63	50	69	NNE 1	S 0	N 0	0	0	0	.	
24	−0.4	7.8	2.2	3.2	1.6	737.4	737.1	738.8	95	79	83	NNW 0	SSE 0	SSE 0	0	0	9	.	
25	2.0	7.4	1.6	3.7	2.1	739.1	738.6	739.1	89	74	88	N 0	E 0	N 0	10	2	0	.	
26	−0.6	6.6	1.6	2.5	0.8	738.7	738.1	739.0	95	77	90	N 0	SSE 0	N 0	0	0	0	.	⌙ I
27	2.2	3.4	3.4	3.0	1.3	743.9	744.5	742.9	92	88	92	NNW 0	N 0	N 0	1	10	10	.	p n ≡°
28	1.2	6.6	4.2	4.0	2.2	738.9	737.9	739.6	85	77	90	N 0	SE 0	S 0	10	3	10	.	≡° I, III, n ≡² ●°
29	2.6	4.0	2.6	3.1	1.3	740.5	741.0	739.7	97	95	86	NNE 0	NNE 0	NNE 0	10	10	10	.	≡° n–II
30	0.8	0.6	0.2	0.5	−1.4	740.2	741.4	743.3	90	88	74	N 0	SSE 1	N 0	10	10	10	.	
31	−0.4	0.4	−1.6	−0.5	−2.5	741.7	740.3	740.3	86	80	92	NNW 0	SSE 0	N 0	10	10	2	.	
																		Summe	
Mittel	0.0	4.4	2.1	2.2	—	740.1	739.5	740.3	89	75	86				5.2	4.3	4.8	17.5	

$\lambda = 7^\circ\,35'$, $\beta = 47^\circ\,33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^m/_m$.

Basel.

Januar 1913.
Bernoullianum.

Tag	7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	7h30	1h30	9h30	7h30	1h30	9h30	7h30	1h30	9h30	7h30	1h30	9h30	Niederschlag	Witterung
1	−1.0	2.8	0.4	0.7	1.0	743.5	741.2	741.4	84	70	92	SE 1	S 0	SE 0	0	1	10	.	⌙ I
2	0.4	4.2	3.8	2.8	3.1	740.2	738.6	738.4	86	71	77	SE 1	SE 1	SE 1	10	10	10	.	⌙ I, ●° $4^{3}/_{4}{}^{p}$
3	0.4	5.4	0.6	2.1	2.4	738.3	739.0	741.1	92	73	88	SE 1	SE 1	SE 1	2	2	0	.	
4	−0.6	2.4	−0.8	0.3	0.6	742.7	742.6	743.2	89	72	90	SE 1	SE 1	E 1	1	1	0	.	⌙ I
5	−1.6	2.4	0.0	0.3	0.6	743.8	744.0	**745.8**	91	74	85	SE 1	SE 1	SE 1	0	0	4	.	⌙ I
6	0.0	3.4	1.6	1.7	2.0	**745.8**	744.6	745.4	80	67	89	SE 1	SE 1	SE 1	8	10	10●	1.0	●° 4–10p, ● $11^{1}/_{4}{}^{p}$–$5^{1}/_{4}{}^{a}$
7	3.0	7.2	0.8	3.7	4.1	745.0	744.0	743.4	80	61	96	SE 1	E 1	SE 1	10	6	0	.	
8	−1.6	2.0	0.0	0.1	0.5	742.0	740.9	741.6	100	80	89	SE 1	S 1	SE 1	10≡	2	10	.	≡ ⌙ ∽ I, ≡° 8–10p, ≡–n
9	−1.2	0.6	−1.6	−0.7	−0.3	742.7	741.8	741.0	88	82	92	SE 1	NE 0	SE 1	10	5	10	.	⌙ I
10	**−1.8**	−1.2	−1.4	−1.5	−1.1	739.5	738.8	738.2	85	84	96	E 1	SE 1	SE 0	10	10	10*	1.4	✳° 8p, ✳ $9^{1}/_{4}{}^{p}$–1^{a} ☒
11	−0.4	−0.6	0.3	−0.2	0.2	736.9	735.7	731.9	86	92	87	SE 0	SE 0	SW 1	10*	10	10●	**8.2**	✳ $4^{1}/_{4}$–$4^{1}/_{2}$, $7^{3}/_{4}$–$9^{1}/_{4}{}^{a}$, *) ☒
12	4.4	6.0	3.7	4.7	5.1	731.1	734.4	735.7	90	65	75	SW 0	SW 1	SW 1	10	6	4	3.4	● n–$7^{3}/_{4}$, $9^{1}/_{4}$–$10^{3}/_{4}{}^{a}$
13	1.0	1.8	1.2	1.3	1.6	734.7	736.1	736.8	96	96	96	SE 1	NE 0	E 1	10●	10	6	2.8	● ✳ $5^{3}/_{4}$–$10^{1}/_{2}{}^{a}$, ✳ $8^{1}/_{2}{}^{a}$, *)
14	1.0	2.6	1.4	1.7	2.0	735.7	734.1	733.3	89	69	70	SE 1	SE 2	SE 1	9	10	6	0.1	n (14/15) ✳°
15	0.0	2.0	1.9	1.3	1.6	732.5	732.7	733.4	78	69	84	SE 1	SE 1	SE 1	2	10	7	1.0	●° 2^{p}, ● $3^{3}/_{4}$–$4^{1}/_{4}$, $6^{1}/_{2}$–$7^{3}/_{4}{}^{p}$
16	1.8	3.3	3.6	2.9	3.2	733.2	734.7	732.4	85	88	83	SE 1	E 1	SE 1	8	5	10	2.3	● $9^{1}/_{2}$–$10^{3}/_{4}{}^{a}$
17	3.4	7.0	4.0	4.8	5.1	733.2	731.9	732.0	93	76	93	S 1	SE 1	SE 1	4	10	4	2.0	● $0^{1}/_{4}$–$1^{3}/_{4}$, $5^{1}/_{2}$–$5^{3}/_{4}$, *)
18	6.0	6.8	4.7	5.8	6.0	732.8	734.1	737.8	76	77	82	SW 1	W 0	SW 1	10●	10	10	2.0	● $7^{1}/_{2}$–$8^{3}/_{4}$, $11^{1}/_{4}{}^{a}$, $1^{3}/_{4}$–4,
19	3.8	7.0	4.8	5.2	5.4	739.8	738.5	735.0	87	63	73	W 0	NE 0	E 1	5	4	10	.	● $6^{1}/_{2}$–$7^{1}/_{4}{}^{a}$ [$9^{1}/_{2}{}^{p}$–$0^{1}/_{4}{}^{a}$
20	4.2	5.6	6.0	5.3	5.5	731.4	731.8	729.0	74	79	59	E 1	S 0	SE 0	10	8	8	1.3	● $8^{3}/_{4}$–$10^{1}/_{4}{}^{a}$, ☋² III
21	8.4	7.8	3.8	6.7	6.9	**724.9**	726.5	729.0	**48**	62	90	SW 4	SW 2	S 2	10	8	6	4.7	⛈ I, ●° $10^{3}/_{4}{}^{a}$, $0^{1}/_{2}{}^{p}$, ● *)
22	4.2	4.4	3.0	3.9	4.0	734.9	739.2	742.8	80	77	70	W 1	W 2	SE 1	10	6	8	1.3	● 0–$0^{1}/_{4}$, $5^{1}/_{2}$–$6^{1}/_{4}{}^{a}$, ●°
23	1.0	3.3	8.6	4.3	4.4	738.7	737.2	739.9	96	97	80	SE 1	W 1	W 1	10	10	10	1.2	● ✳ $6^{3}/_{4}$–$9^{3}/_{4}{}^{a}$, ● $11^{3}/_{4}{}^{a}$–
24	6.8	8.6	2.6	6.0	6.1	740.1	738.3	736.8	74	61	89	W 1	W 1	S 0	10	6	1	.	[$0^{3}/_{4}$, $2^{1}/_{2}$–$3^{1}/_{2}{}^{p}$
25	2.0	7.4	5.8	5.1	5.1	736.9	736.5	738.4	89	72	85	SE 1	SE 0	SE 1	1	10	2	.	●° 0, $4^{1}/_{2}$–5^{p}
26	6.0	6.4	2.5	5.0	5.0	739.5	741.5	744.8	91	94	91	SE 0	NW 1	NW 1	10	10●	10	4.9	≡ 9–11^{a}, ● 8^{a}–$5^{3}/_{4}$, $7^{3}/_{4}$–
27	0.4	2.0	1.0	1.1	1.0	742.9	740.7	739.8	82	79	85	SE 1	E 1	SE 1	2	3	2	.	[$8^{3}/_{4}{}^{p}$
28	3.0	6.4	1.6	3.7	3.6	738.0	737.1	738.7	83	76	89	E 1	E 0	N 0	7	7	10	0.1	⊛° 7^{p}
29	2.4	3.2	2.2	2.6	2.4	738.2	737.6	736.1	93	87	82	E 0	E 1	SE 1	10●	10	10	1.7	● $7^{1}/_{2}$–$10^{3}/_{4}{}^{a}$, ●°–$0^{1}/_{2}$, $4^{1}/_{2}{}^{p}$
30	0.0	1.8	1.4	1.1	0.8	736.0	736.3	736.3	78	72	82	E 1	E 1	SE 1	5	10	10	1.0	
31	2.8	**9.6**	3.1	5.2	4.8	730.0	729.6	738.9	93	67	86	SE 1	SW 3	E 1	10	5	10	5.2	● $6^{1}/_{4}{}^{a}$–$4^{1}/_{4}{}^{p}$, ⛈ $8^{1}/_{2}{}^{a}$, ⛈
																		Summe	[II, △ $3^{1}/_{4}{}^{p}$
Mittel	1.9	4.2	2.3	2.8	—	737.6	737.4	738.0	85	76	85				7.2	6.9	7.0	45.6	

[*) **11.** ●° $1^{3}/_{4}{}^{p}$, III, ● $11^{1}/_{4}{}^{p}$–n *) **13.** ● o, $1^{3}/_{4}$–$2^{3}/_{4}{}^{p}$ *) **17.** $7^{1}/_{2}$–$8^{1}/_{2}{}^{a}$, ●° $7^{3}/_{4}{}^{p}$ *) **21.** $2^{1}/_{2}$–$5^{1}/_{2}$, $8^{1}/_{2}$–$8^{3}/_{4}{}^{p}$

Januar 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$Hb = 2500.1^m$, $G = -0.16\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	-4.7	**-3.0**	-3.6	-3.8	5.0	565.5	565.2	564.8	85	69	66	WSW 5	WSW 4	WSW 1	1	1	0	.	☔ n–II
2	-4.6	-3.4	-5.4	-4.5	4.3	563.0	561.9	561.2	68	67	78	ENE 1	WSW 2	W 1	6	2	3	.	
3	-4.8	-4.2	-4.6	-4.5	4.3	561.3	561.9	563.3	85	84	81	W 1	W 0	W 0	5	2	1	.	
4	-4.6	-3.4	-4.4	-4.1	4.7	564.4	564.9	565.1	78	75	70	WNW 1	NE 1	SE 1	1	1	0	.	
5	-6.0	-3.3	-5.6	-5.0	3.9	565.4	565.8	**567.3**	75	72	74	SW 1	SW 1	SW 1	1	1	0	.	
6	-5.4	-3.6	-5.6	-4.9	4.0	567.2	566.3	566.4	78	74	78	NE 2	WSW 2	WSW 2	1	3	3	0.2	n ($^6/_7$) ✳°
7	-5.4	-5.2	-5.1	-5.2	3.7	566.2	565.6	564.8	88	89	73	WSW 1	SE 1	NE 1	9	1	2	.	
8	-5.6	-3.9	-6.2	-5.2	3.7	563.4	562.6	562.8	64	**55**	57	SE 0	SSE 1	SSW 1	1	1	1	.	
9	-6.6	-6.3	-6.8	-6.6	2.4	563.1	562.7	561.2	70	71	73	NW 1	NNE 0	NE 1	2	1	1	.	[☔ $6^1/_2$P–n
10	-8.8	-6.6	-9.7	-8.4	0.6	559.1	558.2	557.5	89	92	100	WSW 3	WSW 3	WSW 4	1	10	10≡*	15.0	✳ $2^1/_4$P-n, ≡ $5^1/_2$P-n, ⚶
11	-8.0	-7.2	-6.8	-7.3	1.7	556.7	556.4	555.0	100	100	100	WSW 3	WSW 2	WSW 3	10≡*	10≡*	10≡*	22.5	⚶ n–9^a, ⚶^{2}–n, ≡ ✳ ⋁
12	-7.6	-10.2	-12.0	-9.9	-0.9	552.4	553.5	554.9	100	100	100	WSW 3	WSW 3	WSW 2	10≡*	10≡*	10≡*	32.4	☔ $10^1/_2{}^a$, ≡^{2} ✳^{2} ⚶^{2} ⋁
13	-12.1	-10.9	-13.1	-12.0	-3.0	554.9	554.7	556.9	98	100	98	WSW 2	WSW 4	SW 1	9	10≡*	3	12.5	≡ $7^3/_4{}^a$–$9^1/_4$P, ✳ ⚶^{2} *)
14	-12.5	-9.1	-7.4	-9.7	-0.7	556.9	556.3	556.3	90	80	83	WSW 1	SW 2	SW 2	3	6	9	.	
15	-8.0	-6.8	-8.3	-7.7	1.3	555.6	555.7	556.2	88	87	94	SSW 2	SW 1	WSW 2	9	8	9	.	
16	-8.4	-9.9	-9.4	-9.2	-0.2	556.0	555.5	556.1	95	100	80	WSW 1	WSW 4	WSW 4	9	10≡*	8	3.3	✳ $7^3/_4$–9, $10^3/_4{}^a$–$3^3/_4$P, *)
17	-8.9	-7.2	-7.6	-7.9	1.1	555.7	555.6	555.5	100	85	100	WSW 4	WSW 4	WSW 3	9*	7	10≡*	13.5	☔ ⚶ ✳ l, p ☔, ⚶^{2} *)
18	-8.9	-9.2	-9.6	-9.2	-0.2	554.6	554.7	557.3	100	100	100	WSW 3	WSW 3	SW 3	10≡*	10≡*	10≡*	41.6	≡^{2} ✳^{2} ⚶^{2} ⋁
19	-10.7	-11.1	-9.9	-10.6	-1.6	558.6	558.8	557.8	100	96	74	WSW 3	WSW 3	WSW 3	10≡*	3	9	1.9	≡ ✳ n–0P, ⚶ n–2P, ⋁
20	-10.0	-9.3	-11.5	-10.3	-1.2	555.2	554.1	552.6	88	100	98	WSW 3	WSW 4	WSW 4	9	10≡*	4	2.6	⚶ $10^1/_4{}^a$–n, ✳ ≡ o– *)
21	-9.6	-9.4	-10.5	-9.8	-0.7	**550.2**	550.5	550.7	85	98	100	WSW 3	WSW 4	WSW 4	10	9*	10≡*	23.4	≡° l, ☔ $10^1/_2{}^a$, ≡ ✳ *)
22	-10.6	-11.5	**-13.6**	-11.9	-2.8	554.0	556.0	559.4	100	100	100	WSW 3	WSW 3	WSW 2	10≡*	10≡*	10≡*	17.0	≡^{2} ✳ ⚶^{2} ⋁
23	-10.0	-7.2	-5.7	-7.6	1.5	558.3	557.5	560.8	100	100	100	WSW 3	SW 4	SW 3	10≡*	10≡*	10≡*	**43.0**	≡^{2} ✳^{2} ⚶^{2} ⋁^{2} ☔
24	-6.9	-4.4	-4.0	-5.1	4.0	560.9	561.4	560.4	85	73	62	WSW 3	WSW 4	WSW 5	2	1	0	.	a ⚶, ☔, ⚶ 8P–n
25	-6.8	-5.8	-4.4	-5.7	3.4	559.3	559.4	560.9	70	66	100	WSW 5	WSW 5	WSW 3	0	8	10≡*	14.6	a ⚶, ☔, p ⚶^{2}, ✳ 4P– *)
26	-5.5	-6.3	-7.8	-6.5	2.6	561.2	561.6	562.9	100	100	98	WSW 3	W 2	WNW 1	10≡*	10≡*	10≡	17.7	⚶ n–2P, ✳ n–6P, ≡ ⋁
27	-11.0	-5.2	-6.9	-7.7	1.4	562.3	562.0	561.3	87	58	64	NNE 1	WSW 3	WSW 4	1	8	1	4.1	p ☔, ⚶ 4P–n
28	-6.7	-5.2	-6.1	-6.0	3.1	559.6	559.7	560.1	100	98	100	WSW 3	W 2	WSW 1	10≡*	10≡	10≡*	6.6	⚶ n–4P, ✳ n–11^a, 3P–n,
29	-5.3	-4.1	-5.2	-4.9	4.2	560.1	559.8	558.6	100	100	100	WSW 1	WSW 1	WSW 1	10≡*	10≡*	10≡	6.7	✳ n–2P, ≡ [≡ ⋁
30	-5.2	-5.1	-5.5	-5.3	3.8	557.3	557.9	558.8	100	93	98	WNW 1	WSW 1	WSW 3	10≡*	4	10≡*	4.3	⋁ l, ≡ n–10^a, $4^3/_4$P–n, *)
31	-4.8	-3.6	-10.5	-6.3	2.8	555.6	553.0	558.0	95	100	100	WSW 3	WSW 4	WNW 3	10≡*	10≡*	10≡*	28.5	≡ ✳^{2} ⚶ ⋁ ☔ △°
																		Summe	
Mittel	-7.6	-6.5	-7.5	-7.2	—	559.2	559.0	559.5	89	87	87				6.4	6.4	6.3	311.4	

*) **13.** $8^1/_4{}^a$–9P, ☔ $10^1/_2{}^a$–$1^1/_2$P, ⋁ *) **16.** ≡ ⚶ $0^1/_2$–$4^1/_4$P, p n ☔, ☋ III *) **17.** $3^1/_2$P–n, ≡ ✳ $4^1/_4$P–n *) **20.** $5^1/_4$P, p ☔ ⋁ *) **21.** ⚶^{2} ⋁ ☔ 8^a–n *) **25.** n, ≡ $5^1/_4$P–n *) **30.** ✳ ⚶ n–$9^1/_2{}^a$, 9P–n

Januar 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$Hb = 2102.9^m$, $G = -0.14\,{}^m/_m$.

1	0.6	0.6	-5.1	-1.3	6.5	594.3	594.3	593.5	**19**	**19**	44	SE 0	SE 0	SE 0	0	0	6	.	
2	-4.4	0.0	-4.0	-2.8	5.0	592.2	591.0	590.7	37	31	51	SE 0	SE 0	SE 0	9	8	9	.	
3	-4.1	-2.2	-4.1	-3.5	4.3	590.0	590.3	592.0	62	52	55	N 1	N 0	N 0	1	1	1	.	
4	-4.8	-1.6	-5.8	-4.1	3.8	593.5	594.4	595.2	56	45	90	SE 1	SSE 1	SE 1	0	0	9	.	
5	-4.6	-2.6	-4.4	-3.9	4.0	596.1	596.8	**597.7**	87	72	69	SE 2	SE 2	SE 2	10	10	10	.	
6	-6.2	-4.4	-4.8	-5.1	2.8	597.0	596.0	595.3	73	65	56	SE 2	SSE 1	SSE 1	7	4	2	.	
7	-4.6	-2.8	-4.6	-4.0	3.9	595.1	594.5	594.2	60	57	61	NNE 2	N 1–2	NE 1	1	0	0	.	
8	-6.4	-2.2	-7.5	-5.4	2.5	592.9	592.3	592.8	50	45	59	SE 1	SE 1	SE 1	0	1	1	.	
9	-8.0	-3.2	-6.7	-6.0	1.9	592.4	591.7	590.0	29	26	33	SE 0	NNE 1	NNE 1	0	4	0	.	
10	-7.0	-4.0	-6.6	-5.9	2.0	588.2	587.2	587.5	34	33	71	NNE 1	N 1	NNE 1	0	0	9	0.3	n ($^{10}/_{11}$) ✳°
11	-6.0	-2.5	-5.9	-4.8	3.1	587.2	586.1	584.7	87	58	100	NE 0	N 0	N 1	9	4	10*	4.7	⚶ ✳ 7P–n
12	-5.0	-7.4	-9.2	-7.2	0.7	582.3	583.4	584.7	98	85	95	N 2	N 4	N 2	10*	10*	10*	6.6	⚶ ✳, ☔ II
13	-10.7	-5.3	**-11.7**	-9.2	-1.3	584.8	585.4	586.5	72	41	37	N 0	N 0	N 0	0	2	0	.	
14	-9.7	-7.1	-9.4	-8.7	-0.7	586.7	586.7	586.8	42	37	65	SE 1	SE 2	S 1	2	9	10*	1.6	⚶ ✳ $9^1/_4$P–n
15	-8.0	-5.5	-6.9	-6.8	1.2	585.8	585.4	586.1	90	94	95	S 1–2	S 1	SSE 1	10*	10≡	10	1.2	⚶ ✳ !, ≡ II, ✳ $2^1/_2$–$3^1/_4$P
16	-6.6	-3.9	-8.2	-6.2	1.8	585.9	585.5	586.3	95	96	93	SSE 1	SE 1	SE 1	10	10*	5	0.1	✳° 1P–p, ≡^{2}
17	-8.1	-4.6	-7.0	-6.6	1.3	586.5	585.8	585.3	95	75	96	SSE 2	SSE 2	SSE 1	10≡	10≡	10≡	9.2	⚶ ✳ 8–11^a, ≡
18	-9.4	-4.5	-6.8	-6.9	1.0	584.2	584.8	587.3	93	57	95	SSE 0	NNE 1	N 1	3	9	10*	12.1	✳ $3^1/_4$P–n
19	-8.2	-4.6	-7.4	-6.7	1.2	589.3	588.8	587.8	93	40	52	N 1	SE 1	SE 2	10≡	3	7	0.1	≡ l, ✳° 8–$8^1/_2{}^a$
20	-9.0	-5.6	-9.0	-7.9	0.0	585.5	584.1	582.5	95	60	50	S 2	S 0	N 0	10*	10*	4	3.6	✳ l–2P
21	-8.8	-4.1	-7.1	-6.7	1.2	**580.3**	580.7	581.4	80	54	91	SSE 2	SSE 1	E 0	10	10	10≡	22.1	⚶ ✳, ≡ III
22	-8.5	-8.4	-11.0	-9.3	-1.4	583.7	586.2	589.4	90	86	92	N 2	N 2	NNE 2	10*	10*	5	23.1	⚶ ✳ n–p
23	-9.2	-4.3	-3.0	-5.5	2.4	588.2	588.6	590.3	94	91	100	W 0	NW 0	N 3–4	10*	10*	9	**42.1**	✳^{2}, ⚶^{2} ☔ III
24	-6.3	-1.4	-2.9	-3.5	4.4	590.1	590.3	589.8	97	37	33	N 2	N 0	S 1	1	0	0	.	
25	-5.0	**1.4**	-2.3	-2.0	5.9	589.2	589.2	589.9	31	21	95	E 0	SSE 0	N 2	0	6	7	5.2	n ($^{25}/_{26}$) ⚶ ✳
26	-2.4	-2.1	-5.6	-3.4	4.5	590.2	590.5	591.6	100	97	96	N 2	N 2	N 2–3	10*	10*	10*≡	7.0	⚶ ✳, ☔ ≡ III
27	-7.7	-4.8	-8.4	-7.0	0.8	592.0	592.0	590.9	95	91	60	NW 0	SE 2	SE 1	0	5	1	.	
28	-4.7	-4.5	-5.7	-5.0	2.8	588.7	588.5	588.9	60	69	97	N 2–3	N 2	N 1–2	9	5	5	1.9	☔ l, n ✳
29	-3.6	0.2	-6.6	-3.3	4.5	589.0	588.8	587.9	98	59	82	N 2	N 0	S 1	10	5	10≡	0.4	≡^{2} III–n, n ✳°
30	-8.3	-6.4	-9.3	-8.0	-0.2	587.0	587.1	588.1	79	80	79	E 0	N 1–2	S 1	10≡	10≡	10≡	1.0	≡^{2}, n ✳
31	-10.2	-9.9	-7.9	-9.3	-1.5	586.8	585.4	588.5	77	79	82	S 1	S 2	S 1	10≡	10*	10*	9.2	≡^{2} l, ⚶ ✳ 9^a–n
																		Summe	
Mittel	-6.6	-3.8	-6.6	-5.7	—	588.9	588.8	589.1	73	60	73				5.9	6.0	6.5	151.5	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$H_b = 572.2^m$, $G = 0.05\,^{m}/_{m}$.

Bern.

Februar 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	3.2	6.9	4.0	4.7	5.8	713.6	710.8	708.0	77	57	91	SW 0	SE 0	SE 0	10	8	10	6.8	
2	4.7	3.3	1.7	3.2	4.2	708.1	714.2	716.9	93	90	81	SW 2	SW 1	SW 2	10●	10	8	**9.5**	● n–$11^{3}/_{4}{}^{a}$, ↙ I, III, ✱ $1^{3}/_{4}$–
3	1.6	6.0	4.8	4.1	5.0	718.6	721.3	723.4	90	75	82	W 1	W 1	W 0	10	10	10	.	a ⛆° ✱° [2^{p}
4	0.4	7.3	1.5	3.1	4.0	724.5	723.6	722.3	95	65	93	S 1	SE 0	SE 0	8	5	2	.	
5	−2.4	5.0	0.2	0.9	1.7	719.2	717.1	715.7	99	72	95	SE 0	SW 0	SW 0	1	1	2≡	.	⌴ I, ≡ III
6	0.0	**7.5**	1.5	3.0	3.7	716.1	716.3	718.6	93	62	95	SE 0	SE 0	W 0	8	2	1	.	a ⌴
7	−1.0	**7.5**	1.1	2.5	3.1	721.1	721.0	721.2	96	54	94	S 0	SE 0	SE 0	3	2	3	.	a ⌴ ≡
8	−0.9	4.4	1.4	1.6	2.1	720.8	722.1	725.8	82	92	96	S 0	W 1	SE 0	7	10	5	3.4	● $11^{1}/_{4}{}^{a}$–$1^{1}/_{4}{}^{p}$
9	−3.2	0.2	−1.1	−1.4	−1.0	**726.1**	725.9	726.0	99	99	99	NE 0	N 0	NE 0	1	9≡	10≡	.	a ⌴ ≡², p ≡, ≡² III–n
10	−3.2	−0.5	−0.8	−1.5	−1.2	725.1	724.2	724.5	96	98	97	N 0	NW 0	E 0	10≡	3≡	7≡	.	a ⌴ ≡², p ≡, ≡² III–n
11	−3.1	7.0	4.0	2.6	2.8	724.2	723.6	723.9	97	59	74	E 0	N 1	N 0	8≡	2≡	4	.	a ⌴ ≡², ≡ II, Ψ 7^{p}
12	−1.1	4.6	3.4	2.3	2.4	723.0	722.7	721.9	99	78	59	N 0	NNE 2	NE 1	2	1	1	.	↙ II
13	−1.4	5.7	0.5	1.6	1.5	720.7	720.7	720.4	70	**31**	57	NE 2	NE 2	NE 0	0	1	0	.	↙ n–II
14	−0.1	6.8	2.3	3.0	2.8	717.3	715.6	714.9	76	57	69	SE 0	NE 1	E 2	9	8	1	.	↙ III
15	−3.8	0.7	−3.0	−2.0	−2.3	713.7	713.4	713.9	80	57	66	NE 1	NE 2	NE 0	3	0	0	.	↙ II
16	−6.6	0.3	−2.2	−2.8	−3.2	713.8	712.5	711.2	83	65	64	NNE 0	NE 1	NE 1	6	1	8	.	
17	−5.2	−0.7	−2.3	−2.7	−3.2	708.7	707.4	706.9	70	54	62	NE 1	NE 2	NE 1	6	3	7	.	↙ II
18	−6.4	−0.7	−3.3	−3.5	−4.2	707.2	707.6	708.3	80	57	62	N 1	NE 2	NE 1	3	3	1	.	↙ II
19	**−8.5**	−3.8	−6.9	−6.4	−7.2	708.2	708.1	709.2	94	75	90	N 1	NE 1	N 0	1	2	1	.	
20	−6.8	2.9	−1.4	−1.8	−2.7	709.4	707.9	708.2	100	51	66	N 0	NE 1	N 0	2≡	1	3	.	≡ ⌴ I–9^{a}
21	−4.0	2.9	−0.8	−1.0	−2.0	709.4	709.7	712.6	86	55	62	N 0	N 1	NE 1	10	8	1	.	
22	−5.2	−0.9	−2.9	−3.0	−4.1	714.9	715.1	716.8	74	62	68	NE 2	E 2	NE 2	2	3	3	.	↙
23	−6.2	2.2	−1.7	−1.9	−3.1	717.5	717.3	716.9	88	42	59	NE 1	NE 2	NE 0	1	0	2	.	↙ II
24	−8.2	4.8	−2.1	−1.8	−3.2	716.1	715.5	714.7	100	34	80	NE 0	W 0	NW 0	1	2	1	.	a ⌴
25	−6.4	7.0	−1.2	−0.2	−1.7	714.8	713.2	712.1	92	32	78	S 0	NE 1	NW 0	2≡	1	2	.	a ⌴ ≡
26	−5.4	6.8	3.0	1.5	−0.1	712.0	711.2	709.5	97	37	59	N 0	W 1	SW 0	2≡	1	10	.	a ≡ [0^{p}, ✱ $1^{1}/_{2}$–$8^{1}/_{2}{}^{p}$
27	0.7	1.6	0.8	1.0	−0.7	707.8	**706.5**	708.0	97	95	98	SW 0	W 1	W 0	10	10✱	10	8.9	⛆ I, ✱ $8^{1}/_{2}$–$10^{1}/_{2}{}^{a}$, ✱ ●–
28	0.6	5.6	1.8	2.7	0.8	709.0	710.8	713.0	99	82	96	SW 0	SW 0	SE 0	10●	10	10	1.0	✱ $6^{1}/_{2}$–$7^{1}/_{2}{}^{a}$, ●–0^{p}
Mittel	−2.8	3.6	0.1	0.3	—	715.8	715.5	715.9	89	64	78				5.2	4.2	4.4	Summe 29.6	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$H_b = 487.3^m$, $G = 0.06\,^{m}/_{m}$.

Neuenburg.

Februar 1913.
Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	4.9	7.6	6.6	6.4	5.8	721.0	718.8	715.4	63	65	83	W 1	SW 1	NW 1	9	8	10	**16.1**	● 3–$8^{1}/_{2}{}^{p}$, n ↙ ●
2	4.9	1.9	3.1	3.3	2.6	715.2	722.1	723.9	83	91	65	SW 2	NW 1	W 3	10●	10✱	3	10.9	● n–$0^{3}/_{4}{}^{p}$, ● ✱–$1^{3}/_{4}{}^{p}$, ↙
3	2.2	4.4	5.7	4.1	3.3	726.7	729.2	731.4	94	87	81	SW 3	SW 2	NW 2	10●	10	10	0.5	● ↙ n–$10^{1}/_{2}{}^{a}$ [III–n
4	3.7	7.3	2.4	4.5	3.6	732.2	731.7	730.2	93	77	87	NW 1	SW 1	NW 0	9	9	2	.	
5	−1.0	1.5	0.0	0.2	−0.7	727.0	725.3	723.5	100	100	100	NE 1	SW 0	N 1	10≡	10≡	10≡	.	V I, ≡²
6	0.0	3.0	0.5	1.2	0.2	723.8	724.5	726.3	100	97	100	N 1	SW 1	NW 0	10≡	9	10≡	.	≡² I, III–n
7	1.5	3.4	1.4	2.1	1.0	728.8	729.1	728.9	100	95	94	NW 0	SW 1	N 1	10≡	7	2	.	≡² n–$0^{1}/_{2}{}^{p}$, ≡° II
8	1.5	5.5	2.1	3.0	1.8	728.3	729.8	733.7	98	86	84	NW 1	W 1	N 0	9	9	0	2.7	● $9^{3}/_{4}{}^{a}$–$6^{1}/_{2}{}^{p}$
9	0.1	2.4	−0.7	0.6	−0.6	733.8	**733.9**	733.8	93	94	100	NE 0	NE 2	NE 1	2	2	2	.	↙
10	−2.1	0.1	−0.7	−0.9	−2.2	733.1	732.3	732.5	100	89	85	NE 1	NE 1	NE 1	10	10	2	.	≡° I
11	−2.6	6.2	7.1	3.6	2.2	731.9	731.6	731.3	100	77	67	NE 1	E 1	N 1	7≡	5	3	.	≡ n–$11^{1}/_{2}{}^{a}$, ≡°–II
12	2.9	7.6	6.1	5.5	4.0	730.7	730.5	729.3	89	65	33	NE 2	NE 3	NE 3	2	0	0	.	p n ↙
13	2.2	**8.2**	4.1	4.8	3.2	728.4	728.1	728.0	52	**31**	42	NE 3	NE 2	NE 2	0	0	0	.	↙ I
14	3.1	6.3	3.5	4.3	2.6	724.7	723.2	722.3	62	67	66	E 1	E 2	E 3	10	10	7	.	↙ III–n
15	−2.3	2.4	−0.8	−0.2	−2.0	721.6	721.3	721.8	53	48	55	E 3	E 3	E 3	1	0	0	.	↙
16	−4.5	2.1	−0.5	−1.0	−2.9	721.7	720.4	719.1	75	54	55	NE 1	NE 2	NE 2	7	0	9	.	
17	−2.7	1.6	−1.6	−0.9	−2.9	716.5	715.2	714.7	57	55	58	E 2	E 2	E 3	9	3	3	.	↙ III
18	−4.4	0.3	−1.4	−1.8	−4.0	715.2	715.5	715.8	71	53	58	NE 1	NE 2	E 3	5	4	0	.	↙ III
19	−6.0	−2.0	−5.4	−4.5	−6.8	716.0	715.7	717.2	70	64	76	E 2	E 2	NE 1	3	3	0	.	
20	**−6.2**	3.7	2.2	−0.1	−2.5	717.5	716.0	716.0	89	43	50	NE 1	S 1	NE 2	5	4	0	.	≡° I
21	−2.4	3.1	1.6	0.8	−1.7	717.0	717.4	720.1	80	52	42	NE 1	E 1	NE 3	8	9	3	.	≡° I
22	−3.7	1.5	−2.2	−1.5	−4.1	722.7	722.7	724.7	61	63	64	NE 2	NE 3	NE 3	2	0	3	.	p n ↙
23	−3.5	3.8	1.6	0.6	−2.1	725.3	725.2	724.8	59	40	38	NE 3	NE 3	NE 3	0	0	0	.	↙
24	−6.0	3.4	−1.0	−1.2	−4.1	723.7	723.6	722.6	78	48	59	NE 1	SW 1	N 1	0	0	0	.	
25	−4.8	6.6	−0.6	0.4	−2.6	722.5	721.2	720.0	100	45	57	NE 1	E 1	N 1	0	0	0	.	
26	−3.9	7.3	3.8	2.4	−0.7	719.9	718.9	717.1	95	54	76	NE 1	SW 1	NW 1	0	4	10	8.1	n ($^{26}/_{27}$) ✱ ●
27	1.1	1.1	2.3	1.5	−1.7	715.4	**714.4**	715.6	94	96	94	N 1	NW 0	NW 1	10✱	10✱	10	15.4	✱ ●
28	2.2	4.6	2.7	3.2	−0.2	716.6	718.5	720.6	98	88	93	NW 1	NE 1	NE 0	10	10	10	0.7	● n–$9^{1}/_{2}{}^{a}$
Mittel	0.9	3.7	1.5	1.4	—	723.5	723.4	723.6	82	69	70				6.0	5.2	3.6	Summe 54.4	

Februar 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05\,^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	1.6	9.4	**10.2**	7.1	6.3	724.4	721.7	716.9	83	41	34	E o	N 1	S 3	10	6	6	.	6p–n
2	8.8	5.1	0.7	4.9	4.0	717.3	723.3	727.1	53	76	89	NW3-4	S o	SE o	10	10●	o	8.9	n–p, ● $7^3/_{4}{}^a$–II
3	1.0	3.6	0.9	1.8	0.8	728.7	732.3	728.4	100	95	93	E o	E o	E o	10*	10	o	1.8	n a ✳
4	2.0	9.2	0.9	4.0	3.0	725.0	728.4	733.3	95	49	84	SE o	S o–1	SE o	3	o	o	.	
5	–1.7	5.2	1.7	1.7	0.6	729.4	727.4	725.8	97	60	87	E o–1	N o	SE o	o	o	o	.	
6	–0.1	7.4	1.8	3.0	1.8	726.8	726.8	728.6	96	50	73	SE o	N o	N o–1	o	o	o	.	
7	–0.4	6.8	1.2	2.5	1.3	731.6	732.1	731.5	76	50	69	E o	N o	SE o	1	3	o	.	
8	–1.8	5.2	3.2	2.2	0.9	730.3	731.6	736.5	80	60	95	E o	E o	NW 1	1	10	10●	2.1	● $2^1/_2$p–III
9	–0.7	3.9	–1.3	0.6	–0.8	**736.8**	736.6	736.7	84	58	100	SE o–1	NWo-1	SE o	o	1	o	.	
10	–0.8	1.2	–0.8	0.1	–1.4	735.7	735.7	735.4	100	90	100	S o	SE o	SE o	10≡	10	10≡	.	≡^{2} ⌴ I, ≡°, ≡^{2} III–n
11	–1.1	4.2	1.9	1.7	0.1	735.2	735.3	734.8	100	80	100	NE o	NE o	NW o	10≡	10	7	0.2	≡^{2} I, ●° $4^1/_2$p
12	1.0	3.2	–1.0	1.1	–0.5	734.6	734.7	733.2	100	80	100	NE o	N o	N o	10≡	10	o	.	≡^{2} I
13	–0.1	4.4	–0.1	1.4	–0.3	732.2	731.9	731.3	93	60	74	NE o	N o	SE o	9	2	o	.	≡° I
14	0.1	5.2	2.6	2.6	0.8	728.1	726.3	725.1	78	55	56	SE o	N 1	N o–1	10	5	o	.	
15	–0.2	1.8	0.1	0.6	–1.3	725.1	724.8	724.8	69	55	74	NWo-1	N 1	NWo-1	10	2	9	.	
16	–1.7	8.2	0.5	2.3	0.3	724.5	722.9	721.9	79	56	65	W o	N o–1	SE o	10	2	10	.	≡° I
17	–1.7	–0.1	0.2	–0.5	–2.6	719.3	717.5	717.5	61	55	37	N o–1	NW1-2	S 2	10	7	6	.	$9^1/_2$p–n
18	0.7	1.6	–3.3	–0.3	–2.4	717.4	718.4	718.9	**27**	42	75	S 3	N 3	NW o	6	o	o	.	n–p
19	–2.8	–1.4	–3.8	–2.7	–4.9	718.4	718.7	719.4	84	70	84	NW o	N 1	NW o	10	9	10	.	
20	–4.0	3.0	–2.6	–1.2	–3.5	720.0	718.8	718.9	94	52	90	NW o	N 2	N o	2	2	1	.	≡° I
21	–3.1	2.4	–1.2	–0.6	–3.0	719.9	721.0	723.4	100	65	85	W o	N 2	SE o	10	4	5	.	
22	–0.8	–0.4	–0.9	–0.7	–3.2	725.8	726.9	727.3	68	65	78	NWo-1	N 1	N o	10	10	10	.	
23	–5.1	1.0	–2.7	–2.3	–4.9	729.0	728.5	727.8	77	58	73	SE o	NWo-1	N o–1	o	1	o	.	
24	**–6.4**	3.4	–2.2	–1.7	–4.4	726.6	726.7	725.0	85	45	63	SE o	NW o	SE o	o	o	o	.	
25	–4.8	5.6	–1.3	–0.2	–3.1	725.0	723.4	722.1	72	35	65	E o	N o	N o	o	o	o	.	
26	–3.7	6.0	2.3	1.5	–1.5	722.3	721.9	720.0	70	42	41	E o	N 1	SE o	o	o	o	.	
27	1.2	6.4	2.8	3.5	0.4	717.0	**714.7**	717.7	59	50	97	E o	N 1	SE o	7	10	10	1.2	● 7p–n
28	2.2	6.0	3.3	3.8	0.6	719.0	721.1	723.4	100	65	91	NE o	N 2	NW o	10	10	10	4.1	p ●
Mittel	–0.8	4.2	0.5	1.3	—	725.9	726.0	726.2	81	59	78				6.0	4.8	3.7	Summe 18.3	

Februar 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02\,^m/_m$.

1	5.2	**9.4**	8.2	7.3	6.9	728.8	726.4	723.6	78	51	71	SW 1	SW 1	SW 2	6	9	7	9.0	III–n, n ●
2	7.0	5.2	3.2	5.9	5.4	723.6	730.2	733.7	65	78	76	SW 2	S 1	SSW 1	10●	7	1	1.7	$7^1/_{4}{}^a$, I, ● $7^1/_2$–$10^1/_2{}^a$
3	2.3	**9.4**	5.2	5.2	4.6	735.7	737.3	738.6	84	66	90	WNW1	WNW1	SW o	10●	5	4	.	● n–$7^1/_2{}^a$
4	1.8	6.8	3.0	4.2	3.6	739.7	738.4	736.5	96	70	90	SSW o	N o	N o	7	2	o	.	a ⌴°
5	–1.9	2.9	1.1	0.5	–0.1	734.5	732.6	729.8	94	90	98	N o	NNE o	N o	3	8	10≡	.	a ⌴^{2}, p n ≡
6	0.3	2.0	1.8	1.3	0.5	731.1	732.1	734.0	98	96	96	SW 1	NE 1	E o	10≡	10	10≡	.	≡ I, III–n
7	0.0	1.8	–0.2	0.9	0.0	737.5	737.0	736.0	98	96	98	E 1	S o	SW o	10≡	10	10≡	.	≡ I, III
8	0.0	5.8	3.6	2.7	1.8	736.9	737.9	739.6	96	86	96	SW 1	SW 1	NE o	9	10●	o	0.9	● II
9	0.4	5.7	1.8	3.3	2.3	740.5	740.9	**741.0**	94	71	85	WNWo	NNE 1	ENE 1	2	2	1	.	a ⌴
10	–0.4	2.7	–2.2	0.4	–0.7	740.1	739.8	739.6	96	77	96	ENE 1	ESE 1	N o	10	5	o	.	a ⌴
11	–3.4	6.3	7.0	2.1	0.9	739.0	738.4	738.1	98	74	70	SSE 1	SW o	WNW 1	o	2	o	.	a ⌴^{2}
12	2.0	8.4	5.8	5.4	4.1	737.4	736.6	735.1	96	61	46	WSW1	NNE 1	NE 1	3	2	o	.	a ⌴°, $4^1/_2$p
13	1.8	6.8	1.4	4.2	2.8	734.8	735.2	734.8	63	**36**	93	NNE 1	NNE 1	NE 1	o	o	1	.	
14	–2.1	7.4	5.4	3.2	1.7	731.2	728.5	726.9	81	53	06	S 1	NE 3	NE 3	2	1	o	.	a ⌴°,
15	–0.8	0.9	1.4	0.9	–0.7	727.9	729.0	728.8	76	66	56	NE 3	NNE 1	NNE 1	7	9	8	.	n–I
16	–0.6	1.8	1.2	0.7	–0.9	728.4	727.2	726.0	68	66	50	ENE 1	N 1	NNE 1	9	3	o	.	
17	–1.8	0.4	–1.0	–0.7	–2.4	724.1	722.5	**721.2**	89	90	84	NE 1	N 1	NNE 1	9	8	10*	3.0	✳ $9^1/_2$p–n
18	–2.0	–0.4	–0.4	–1.1	–2.9	721.8	722.2	722.9	98	92	92	ENE 1	ENE 1	NE 1	10*	10	8	0.9	✳ n–$10^1/_2{}^a$
19	–3.8	0.1	–2.0	–2.1	–4.0	723.1	723.0	725.0	98	76	92	NNE 1	N 1	ENE 1	3	4	10*	0.2	✳° $9^1/_2$p
20	–2.6	2.1	–0.4	–0.4	–2.4	724.3	723.2	723.2	96	91	89	ENE 1	ENE 1	ENE 1	10	5	10	.	
21	–0.2	4.0	2.4	2.1	0.0	723.8	724.4	726.4	96	52	61	ENE o	N 1	N 1	4	1	o	.	
22	–1.8	1.0	–0.2	–0.2	–2.4	729.2	729.1	729.0	96	98	96	ENE 1	NNW 1	NNE 2	2	4	4	.	III
23	–3.1	0.6	–1.4	–0.9	–3.2	732.8	731.8	732.0	90	96	92	ENE 1	ENE 1	NNWo	5	1	o	.	
24	**–5.5**	3.2	–0.4	–0.6	–3.0	731.5	731.0	729.8	87	81	78	WNW0	N o	NNWo	1	1	o	.	a ⌴^{2}
25	**–5.5**	4.4	1.2	0.3	–2.2	729.0	727.6	727.4	93	54	78	WNW0	N 1	N o	2	1	o	.	a ⌴^{2}
26	–4.6	6.0	3.2	1.5	–1.2	727.4	726.6	724.3	96	50	80	N o	WSWo	NNWo	1	9	10	1.8	a ⌴^{2}, n ✳
27	1.0	1.0	2.8	1.8	–1.0	722.6	722.1	722.7	96	98	96	NNWo	NW o	NNWo	10*	10*	9	**13.2**	✳ n–3p, ●–$4^1/_2$p
28	1.4	5.4	3.6	3.2	0.3	724.2	725.3	725.7	95	82	82	NNWo	N 1	NE 1	10●	9	9	.	● n–$7^1/_2{}^a$
Mittel	–0.6	4.0	1.6	1.8	—	730.8	730.6	730.4	90	75	82				5.3	5.3	4.4	Summe 30.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35p}.

$\lambda = 8°\,33'$, $\beta = 47°\,23'$,
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

Februar 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	2.0	7.2	5.0	4.7	5.5	720.8	718.8	715.1	75	60	68	N 0	SW 0	S 0	3	6	6	4.0	n (1/2)
2	5.4	3.2	3.2	3.9	4.6	**713.1**	720.4	723.2	87	90	66	W 2	NW 1	S 2	10●	10●	2	4.3	● 6^{a}-3^{p}, ⸝, ✳° $1^{1}/_{2}$-2^{p}
3	3.2	5.6	7.2	5.3	5.9	724.8	727.8	729.6	77	74	64	SW 3	W 3	W 3	10●	10	10	1.0	● n-$9^{1}/_{4}{}^{a}$, ●° $10^{3}/_{4}{}^{a}$-$0^{1}/_{2}{}^{p}$,
4	2.8	9.4	3.8	5.3	5.8	731.2	731.0	729.8	84	58	91	SE 1	W 1	NE 0	7	5	10	.	
5	-1.0	6.5	1.2	2.2	2.7	726.4	724.2	722.5	100	68	96	SE 0	NW 0	E 0	0	4	4	.	⌊² I, ≡² $7^{3}/_{4}$-10^{a}, ≡° a, III
6	2.0	**11.3**	3.6	5.6	6.0	723.2	723.3	725.0	94	47	75	S 1	SE 0	E 0	4	2	0	.	⌊² I
7	1.1	9.3	2.4	4.3	4.6	728.0	728.3	727.8	84	52	85	E 0	SW 0	S 0	9	0	0	.	⌊ I
8	0.6	4.2	1.6	2.1	2.3	727.4	728.9	733.2	75	87	98	E 0	W 2	SW 0	1	10●	0	2.8	⌊² I, ● 0-2^{p}, p ⸝
9	-2.2	0.6	0.0	-0.5	-0.4	**733.8**	**733.8**	733.6	100	100	100	E 0	NW 0	S 0	10≡	10	10	.	a ≡² ⌊², p ≡°
10	-2.6	2.6	-0.5	-0.2	-0.2	732.8	731.6	731.9	100	74	100	E 0	NW 1	SW 0	5	1	2	.	⌊ I, ≡° III, ≡² 10^{p}-n
11	-2.0	7.8	3.7	3.2	3.1	732.1	731.6	731.9	100	61	84	E 0	NW 1	E 0	10≡	8	10	.	⌊ I, ≡² n-9^{a}, ≡°-≡-10^{a}
12	0.0	6.5	1.0	2.5	2.3	731.5	731.2	730.6	100	60	72	SW 0	NE 2	N 0	7	0	0	.	⌊ I, ⸝ II, Ψ² 10-11^{p}
13	-1.3	7.4	1.5	2.5	2.2	729.5	728.6	728.0	64	35	56	E 0	NE 2	NE 0	0	0	0	.	⌊ I, p ⸝
14	1.0	5.5	1.0	2.5	2.1	725.0	723.8	723.3	73	73	71	NE 0	E 1	N 1	9	9	1	0.3	●° $1^{3}/_{4}$-$2^{1}/_{4}{}^{p}$
15	-4.0	2.1	-2.6	-1.5	-2.0	722.6	722.0	722.2	76	47	60	E 1	NE 1	NE 1	2	0	0	.	⌊ I, ⸝
16	-6.0	1.6	-1.4	-1.9	-2.5	721.6	720.4	719.2	77	52	49	NW 0	N 1	NE 1	3	1	1	.	⸝
17	-5.4	2.0	-3.0	-2.1	-2.8	716.9	715.5	715.1	71	46	62	NE 1	NE 1	NE 1	0	2	2	.	⸝
18	-7.0	1.2	-3.2	-3.0	-3.9	715.6	716.1	716.4	74	50	57	N 1	NE 1	NE 2	1	0	1	.	p ⸝
19	**-7.8**	-2.6	-5.9	-5.4	-6.4	716.6	716.2	716.4	84	64	81	NW 0	E 1	SE 0	9	3	3	.	✳° 10^{a}
20	-6.2	4.0	-2.2	-1.5	-2.6	717.4	716.0	716.2	96	48	70	SE 0	NW 1	N 0	3	0	0	.	⌊² I
21	-5.4	3.5	-0.6	-0.8	-2.0	717.0	717.6	721.0	82	52	55	W 0	NE 1	NE 1	3	5	3	.	⌊ I
22	-6.4	1.4	-3.1	-2.7	-4.1	723.8	723.9	725.7	80	56	67	NE 1	E 1	NE 1	3	4	4	.	⌊ I
23	-5.8	5.0	-0.8	-0.5	-2.0	726.3	725.5	724.7	78	36	58	NE 0	NE 1	NE 1	0	0	0	.	⌊ I
24	-6.8	7.3	-0.2	0.1	-1.6	723.5	722.6	722.0	92	42	62	NE 0	W 0	NE 0	0	0	0	.	⌊ I
25	-6.6	9.2	0.3	1.0	-0.8	722.0	720.9	719.2	93	**34**	82	E 0	W 1	N 0	0	0	0	.	⌊ I
26	-4.6	8.1	2.2	1.9	0.0	719.5	718.3	716.9	97	37	60	NE 0	W 0	E 0	0	0	9	.	⌊ I, ≡◡ $9^{1}/_{2}{}^{a}$
27	1.0	2.6	2.2	1.9	-0.2	714.7	713.9	714.6	67	95	90	NW 1	E 0	NW 1	8	10	10●	**4.4**	⌊° I, ✳° $10^{1}/_{2}$-$10^{3}/_{4}{}^{a}$, *)
28	2.0	4.3	2.4	2.9	0.7	716.1	718.0	720.2	100	84	100	W 0	W 0	W 0	10	10	10	2.5	● 1-$2^{3}/_{4}$, $6^{3}/_{4}$-11^{a}, $5^{3}/_{4}$- *)
																		Summe	*) **27.** ●-$11^{1}/_{4}{}^{a}$, ✳°-$0^{1}/_{2}{}^{p}$, ● 3-$3^{1}/_{2}$, $4^{3}/_{4}$-$9^{1}/_{2}{}^{p}$ *) **28.**
Mittel	-2.1	4.9	0.7	1.1	—	723.3	723.2	723.4	85	60	74				4.5	3.9	3.5	19.3	$6^{1}/_{2}$, $8^{1}/_{4}$-$9^{1}/_{2}{}^{p}$, ✳ 10-$10^{1}/_{2}{}^{a}$

$\lambda = 8°\,30'$, $\beta = 47°\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

Februar 1913.
Beobachter: *Hospenthal.*

1	-5.4	-2.0	1.0	-2.1	2.4	613.6	611.9	610.1	100	57	73	NW 2	W 0	W 4	10	7	10	0.5	⸝ III-n, n ✳°	✕
2	-3.4	-5.6	-8.0	-5.7	-1.2	608.2	612.4	615.8	100	100	100	W 4	W 4	W 2	10≡	10≡	1*	3.6	⸝ ≡ n-p, ⸭ ✳ III-n	✕
3	-4.0	-3.0	-3.6	-3.5	1.0	616.6	619.8	622.1	100	100	100	W 4	W 4	W 2	10≡	10≡	1	0.9	⸝ ≡ ✳ n-p	✕
4	-3.6	-2.0	-2.0	-2.5	1.9	623.1	622.7	622.2	100	100	93	NW 2	SW 0	SW 0	3	0	3	.		✕
5	-1.4	2.6	0.4	0.5	4.9	619.8	618.0	617.0	42	43	47	W 0	SE 1-2	E 0	0	0	3	.		✕
6	-3.0	0.2	-2.6	-1.8	2.6	617.8	617.0	618.3	83	70	83	SE 0	S 0	W 1	3	3	3	.		✕
7	-3.0	-0.8	-1.0	-1.6	2.8	620.4	620.5	621.0	95	65	35	W 0	W 0	W 0	7	0	0	.		✕
8	-1.2	-4.2	-5.0	-3.5	0.9	620.2	620.4	623.5	32	100	100	W 3	W 3	W 1	3	10≡*	10≡*	3.1	⸝ n-II, p ✳ ≡	✕
9	-6.6	0.8	0.0	-1.9	2.5	623.9	624.3	**624.9**	100	23	**15**	SE 0	SE 0	SE 0	0	0	1	.		✕
10	0.8	4.0	2.0	2.3	6.6	624.4	624.2	624.5	21	50	38	E 0	SE 1	SE 1	0	0	1	.		✕
11	2.0	**4.6**	-1.4	1.7	6.0	624.5	624.5	624.2	78	40	100	NE 1	E 0	W 2	3	10	5	0.2		✕
12	-3.4	-1.2	-3.0	-2.5	1.8	623.7	622.3	621.6	94	50	40	SE 1	E 1	NE 2	0	0	0	.		✕
13	-4.4	-4.2	-5.4	-4.7	-0.5	620.7	619.9	619.7	60	49	70	E 3	NE 1	E 3	0	0	0	.	⸝ I, III	✕
14	-5.6	-4.6	-7.4	-5.9	-1.7	616.5	615.2	614.1	100	100	100	NE 1	NE 2	NW 2	7	10≡	10≡	0.2	p ≡	✕
15	-9.6	-7.4	-8.2	-8.4	-4.2	612.8	612.0	612.1	50	45	58	E 4	E 1	E 0	0	0	0	.	⸝ I	✕
16	-7.6	-5.0	-9.4	-7.3	-3.2	611.3	610.9	610.0	35	88	100	NE 0	SE 1	SE 0	3	0	10≡	.	≡ III	✕
17	-11.6	**-11.8**	-11.0	-11.5	-7.4	611.3	610.9	**605.7**	90	98	100	NE 1	NE 1	SE 2	3	10≡	3≡	.	p ≡	✕
18	-9.2	-7.2	-6.6	-7.7	-3.6	606.0	606.5	607.7	50	45	50	SE 2	SE 3	SE 3	3	0	0	.	p ⸝	✕
19	-6.0	-5.4	-6.8	-6.1	-2.1	607.9	606.2	607.7	38	45	62	E 1	S 3	SW 1	0	0	5	.	⸝ II	✕
20	-6.4	-3.2	-4.8	-4.8	-0.8	608.7	608.4	608.3	70	60	65	E 0	SE 2-3	S 3-4	5	0	0	.	p ⸝, ⸝ III	✕
21	-4.0	-1.8	-6.2	-4.0	0.0	610.0	609.7	612.1	55	50	65	S 2	E 0	E 2	7	5	3	.		✕
22	-7.4	-9.0	-10.0	-8.8	-4.9	612.4	612.6	614.2	45	100	100	E 3	E 1	E 3	0	5	0	.	⸝ I, III-n, ≡° II	✕
23	-6.6	-5.4	-4.4	-5.5	-1.6	615.2	617.0	615.9	30	40	29	E 3	E 1	E 2	0	0	0	.	⸝ I	✕
24	-2.6	0.2	-2.6	-1.7	2.2	615.1	615.8	615.3	**15**	18	30	W 0	S 0	SW 2	0	0	0	.		✕
25	-3.4	1.6	-1.2	-1.0	2.8	614.4	614.1	612.9	30	29	24	SE 1	S 1	S 0	0	0	0	.		✕
26	-4.2	-2.6	-2.8	-3.2	0.6	612.3	611.4	611.1	34	53	55	S 0	NW 2	SW 1	0	0	5	.		✕
27	-3.4	-1.2	-3.4	-2.7	1.0	608.4	607.6	607.6	37	74	100	S 1-2	SE 1-2	W 3-4	5	10	10≡	1.6	≡ ⸝ III-n, n ✳	✕
28	-4.2	-4.0	-5.2	-4.5	-0.8	609.2	610.5	612.6	100	100	100	W 3	SW 1	W 0	10≡*	10≡	10≡	**6.8**	⸝ I, ≡ ✳	✕
																		Summe		
Mittel	-4.6	-2.8	-4.2	-3.9	—	615.3	615.2	615.4	64	64	69				3.3	3.6	3.3	16.9		

Februar 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$H\flat = 1712.6^{m}$, $G = -0.12\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−13.0	−1.4	−4.3	−6.2	2.6	620.3	619.4	619.2	84	46	65	E 1	SW 1	NE 1	10	5	10	1.4	p ⛆, n ✳
2	−2.5	−2.2	−8.0	−4.2	4.5	614.5	616.9	620.3	99	81	64	SW 1	N 1	N 1	10*	10*	0	**4.6**	✳ n–II
3	−9.4	−1.2	−3.0	−4.5	4.1	622.5	624.7	626.9	85	84	85	N 1	NE 1	W 1	10*	10	0	1.2	a ✳
4	−10.8	−1.4	−9.6	−7.3	1.2	628.8	628.6	628.6	86	55	69	N 1	S 1	NE 1	8	2	0	.	
5	−10.5	2.4	−3.0	−3.7	4.7	626.6	625.1	624.2	81	51	59	S 0	SW 0	NE 1	6	1	0	.	
6	−8.8	1.2	−10.0	−5.9	2.4	623.3	623.2	624.9	75	51	72	E 1	SE 1	NE 1	7	2	0	.	
7	−15.3	−3.7	−10.8	−9.9	−1.7	626.7	626.6	628.4	86	65	74	E 1	E 1	NE 1	0	2	0	.	
8	−15.0	−1.2	−3.4	−6.5	1.6	627.6	625.1	628.4	80	48	83	SW 0	S 0	W 3	0	10	10	0.6	✳° ⛆ 4ᵖ–n
9	−16.0	−6.0	−9.8	−10.6	−2.6	630.6	630.0	**631.2**	85	65	56	E 1	NE 0	NE 1	0	0	0	.	
10	−14.2	0.0	−7.8	−7.3	0.6	630.9	630.0	630.3	74	55	69	W 1	S 0	W 1	0	1	0	.	
11	−6.8	**5.6**	−2.4	−1.2	6.6	628.9	628.3	628.8	76	55	82	E 1	W 1	W 1	10	6	0	.	
12	−13.7	−8.5	−3.8	−8.7	−1.0	628.0	626.3	626.1	94	48	48	S 1	NE 2	NE 1	0	2	0	.	
13	−9.2	−2.9	−9.2	−7.1	0.5	625.5	624.7	623.4	69	54	56	N 3	NE 2	NW 2	0	0	0	.	⛆ I
14	−3.4	−2.4	−6.2	−4.0	3.5	619.7	618.5	618.3	61	59	56	N 2	W 4	NW 2	7*	10	2	0.1	✳° ⛆, ⛆ II
15	−18.7	−7.3	−13.0	−13.0	−5.6	618.4	617.7	618.4	77	61	62	SE 1	E 1	N 1	0	0	0	.	
16	−20.6	−2.9	−11.2	−11.1	−3.8	617.0	615.1	614.8	77	48	58	SE 0	W 3	N 2	3	2	2	.	⛆ II
17	−17.2	−7.9	−11.8	−12.3	−5.2	613.5	**612.4**	613.6	80	57	75	SE 0	SE 1	W 1	0	7	10	.	
18	−17.8	−8.4	−17.8	−14.7	−7.7	614.7	615.2	616.2	62	62	75	S 1	SE 1	N 1	0	0	0	.	
19	**−21.0**	−5.4	−11.8	−12.7	−5.8	614.5	614.5	615.5	81	55	69	SW 0	NW 0	N 1	0	1	4	.	
20	−10.0	−2.2	−12.2	−8.1	−1.3	615.7	615.3	616.4	88	64	81	SE 0	S 2	W 1	10	6	0	.	
21	−15.8	−0.6	−10.0	−8.8	−2.1	616.5	615.8	617.5	89	50	67	S 0	S 0	W 1	10	8	9	.	
22	−13.8	−3.8	−9.0	−8.9	−2.3	618.8	618.2	620.2	88	65	55	NE 1	NE 2	N 2	4	0	0	.	
23	−16.2	−5.7	−14.2	−12.0	−5.6	622.6	622.0	623.2	85	59	56	N 1	N 2	NE 1	10	0	0	.	
24	−20.2	−4.8	−13.0	−12.7	−6.4	623.1	622.8	623.0	71	55	57	W 0	W 0	W 1	0	0	0	.	
25	−17.4	0.4	−10.2	−9.1	−2.9	621.9	621.0	621.3	71	**41**	54	SW 1	S 1	W 1	2	0	0	.	
26	−17.4	−1.2	−12.2	−10.3	−4.2	620.1	618.7	618.0	75	47	64	S 0	S 0	NE 1	3	0	0	.	
27	−13.4	−0.2	−3.9	−5.8	0.2	616.3	614.8	614.1	80	59	99	NE 1	SE 3	NE 1	4	10	10	1.1	⛆ II, n ✳
28	−8.4	0.8	−3.3	−3.6	2.3	614.5	614.9	617.2	97	43	75	E 0	W 2	W 1	10	10	9	.	✳° 3–4ᵖ
Mittel	−13.4	−2.5	−8.8	−8.2	—	621.5	620.9	621.7	81	56	67				4.4	3.7	2.4	Summe 9.0	

Februar 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$H\flat = 540^{m}$, $G = 0.00\,{}^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	2.6	6.4	4.4	4.5	4.4	716.6	716.2	714.8	62	50	75	NE 0	SW 0	NE 0	10	10	10●	0.3	●° 9–9½ᵖ
2	3.8	4.0	1.2	3.0	2.8	710.9	716.6	720.0	70	85	69	NE 0–1	SW 2	NE 0	10●	10●	0	**5.6**	● n–2ᵖ, ✳° 9ᵃ
3	0.4	4.3	3.2	2.6	2.3	723.0	724.6	726.5	90	74	80	SW 1	W 0	NE 0	10*	7	0	0.3	✳° n–10ᵃ
4	−0.2	5.3	1.6	2.2	1.8	727.9	727.0	725.4	88	56	80	S 0	E 1	NE 0	8	0	0	.	⛆ I
5	−1.2	5.4	2.0	2.1	1.6	722.4	720.1	718.4	80	51	76	E 0–1	S 1	E 0	0	0	0	.	⛆ I
6	−0.6	5.8	3.2	2.8	2.2	719.0	719.2	721.9	96	57	67	E 0	S 0	NE 0	0	0	0	.	⛆ I
7	−1.5	5.4	3.1	2.3	1.6	724.4	724.5	724.7	79	44	55	E 0–1	E 0	NE 0	0	0	0	.	⛆ I
8	−0.2	3.9	2.3	2.0	1.2	724.7	724.3	727.4	62	51	84	E 0–1	E 0–1	S 0	0	10	0	.	⛆ I
9	−1.3	5.0	1.9	1.9	1.0	**729.7**	728.4	729.1	75	37	50	NE 0	SE 0	NE 0	0	0	0	.	⛆ I
10	−1.6	5.6	1.2	1.7	0.7	728.1	726.8	727.8	65	46	85	NE 0–1	SW 0	E 0	0	0	0	.	⛆ I
11	−0.2	7.6	4.2	3.9	2.8	726.5	725.7	726.1	85	49	69	NE 0–1	SE 0	NE 0	8	0	0	.	⛆ I
12	0.5	6.6	4.0	3.7	2.4	725.1	723.5	723.4	85	52	75	NE 0	SW 0–1	E 0	0	0	0	.	⛆ I
13	−0.9	5.8	2.5	2.5	1.1	722.4	722.1	723.0	90	60	65	NE 0–1	SW 0	N 0	0	0	0	.	⛆ I
14	−2.6	4.0	1.8	1.1	−0.4	718.9	716.2	714.6	92	56	63	NE 0	SW 0–1	E 0	0	0	0	.	⛆ I
15	−2.7	3.4	−0.9	−0.1	−1.7	714.9	714.9	711.6	89	61	77	NE 0	SW 1–2	N 0–1	0	0	0	.	⛆ I
16	−2.6	2.6	−0.6	−0.2	−1.9	716.3	714.4	713.5	94	62	75	NE 0	S 0	N 0–1	10	3	0	.	⛆ I
17	−0.9	1.7	−0.9	0.0	−1.9	710.4	**709.2**	710.1	84	65	80	SW 0–1	SW 1–2	SE 0	10	10	10	.	⛆ I
18	−1.4	2.8	−1.0	0.1	−1.9	711.7	711.5	711.2	43	33	46	E 0	S 0–1	SE 0–1	5	10	0	.	⛆ I
19	**−5.1**	2.7	−1.4	−1.3	−3.4	710.3	709.7	711.6	78	49	79	E 0	S 1–2	S 0	0	0	0	.	⛆ I
20	−4.6	5.6	1.2	0.7	−1.6	712.4	710.8	711.1	96	34	67	E 0	S 0	E 0	0	0	0	.	⛆ I
21	0.0	**7.8**	1.2	3.0	0.6	711.6	711.5	714.1	73	45	75	SW 0–1	SW 1–2	E 0	10	0	0	.	⛆ I
22	−2.4	3.5	−0.6	0.2	−2.4	716.0	715.0	717.4	90	65	73	ENE 0	SW 1–2	SW 0	0	0	0	.	⛆ I
23	−4.6	3.6	−0.6	−0.5	−3.2	719.8	719.1	720.4	94	52	73	NE 0–1	SW 0–1	N 0–1	0	0	0	.	⛆ I
24	−5.0	6.2	2.4	1.2	−1.7	719.6	718.3	717.9	71	**29**	43	NE 0	SW 0	NE 0–1	0	0	0	.	⛆ I
25	−2.9	**7.8**	1.9	2.3	−0.7	717.4	715.6	715.4	65	**29**	56	NE 0–1	E 0	NE 0	0	0	0	.	⛆ I
26	0.4	7.4	3.0	3.6	0.5	715.0	714.2	712.9	45	37	51	NE 0	SW 0–1	N 0–1	0	0	0	.	⛆ I
27	0.4	5.2	0.4	2.0	−1.3	711.1	711.1	711.4	52	45	100	NE 0–1	NW 0–1	N 0	7	10	10≡	2.4	✳ 3½–7ᵖ, ≡ III
28	0.6	4.2	3.2	2.7	−0.7	711.9	713.1	714.5	97	79	85	SE 0	SW 0–1	NE 0	10	10	10	.	
Mittel	−1.2	5.0	1.6	1.8	—	718.9	718.3	718.8	78	52	70				3.5	2.9	1.4	Summe 8.6	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^m/_m$.

Lugano.

Februar 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−2.4	3.6	1.2	0.8	−1.2	742.1	742.8	742.7	89	59	81	N o	SE o	N o	10≡	6	10	0.2	≡ I
2	0.4	1.8	0.2	0.8	−1.3	738.7	737.3	739.5	90	90	98	NNE o	N o	N o	10*	10≡	0	0.5	✳° n–I, a ●°, ≡ II
3	−0.8	9.2	3.0	3.8	1.7	743.0	743.0	745.9	84	51	79	N o	SSW o	N o	0	0	0	.	⌊ I
4	2.4	10.2	2.6	5.1	2.9	747.3	746.8	748.3	98	65	86	N o	SE o	N o	2	0	0	.	
5	−0.2	5.6	2.8	2.7	0.4	747.3	746.7	745.3	93	87	84	N o	NNE o	N o	10≡	0	0	.	≡ ⌊ I, ≡^{2} $8^1/_2$–$11^1/_4{}^a$
6	0.2	7.2	0.8	2.7	0.3	744.4	744.3	746.7	85	75	96	N o	SSE o	N o	0	2	10≡	.	≡° 4^p, ≡ $7^1/_2{}^p$–n
7	−0.8	4.4	0.8	1.5	−1.0	748.1	748.6	749.8	93	86	92	NNE 1	W o	N o	10≡	2≡	0	.	≡ n–II
8	−1.0	6.8	11.2	5.7	3.1	749.2	746.9	746.2	94	66	27	N o	SSE o	SSE 2	0	6	7	.	⌊ I, ≡° 3^p, ⸗ $4^1/_2{}^p$–$0^1/_2{}^a$
9	2.0	11.6	5.4	6.3	3.6	750.6	750.5	**751.8**	57	42	62	N o	SE o	NW o	0	0	0	.	
10	0.2	8.6	3.6	4.1	1.3	751.3	750.9	749.9	80	63	70	N o	S o	N o	0	0	0	.	
11	2.0	8.8	**17.0**	9.3	6.4	746.4	745.4	745.1	77	69	28	N o	S o	NNE 2	6	0	3	.	⸗ $3^1/_4{}^p$–$2^1/_2{}^a$
12	2.8	10.2	5.6	6.2	3.2	747.2	744.2	745.7	69	65	87	N o	S o	N o	0	0	0	.	
13	3.4	9.2	1.4	4.7	1.6	747.0	745.9	741.3	85	69	72	W o	SE o	N o	10	0	0	.	
14	6.2	15.4	2.6	8.1	4.9	735.3	734.2	737.4	60	**18**	75	NW o	NNE 1	N o	0	0	0	.	
15	0.2	1.0	0.0	0.4	−2.9	742.5	742.3	742.7	96	55	53	SW o	N o	N o	10	10	8	.	✳° $8^1/_4{}^a$
16	−4.0	4.6	−0.8	−0.1	−3.5	740.0	738.3	737.7	91	44	84	N o	S o	N o	0	0	3	.	
17	−0.4	1.0	−1.4	−0.3	−3.8	737.2	737.2	738.5	77	85	97	SW o	SW o	N o	10	10	10	.	✳° ●° $4^1/_2{}^p$, n ✳°
18	−3.6	0.2	−3.4	−2.3	−5.9	740.1	740.5	740.6	94	95	97	N o	E o	N o	10	9	0	.	a ✳°
19	**−6.0**	3.2	0.8	−0.7	−4.4	739.2	738.5	739.1	93	84	80	N o	SE o	N o	0	0	9	**2.8**	⌊ I, n ✳
20	−1.6	1.4	−0.4	−0.2	−4.1	739.5	739.3	739.5	95	78	97	NNE o	N o	N o	10*	10*	10	1.0	✳ n–II ⊠
21	−1.4	5.8	0.4	1.6	−2.4	738.5	737.5	737.6	92	62	82	N o	S o	N o	10≡	2≡	0	.	≡ n–II
22	−1.8	10.0	1.8	3.3	−0.8	738.3	737.8	740.7	90	52	72	N o	S o	N o	0	0	0	.	⌊ I
23	−2.4	7.6	3.0	2.7	−1.5	743.4	744.1	744.4	89	61	88	N o	S o	N o	0	0	0	.	⌊ I
24	−3.0	6.4	2.0	1.8	−2.5	746.8	745.7	745.3	96	50	58	N o	SE o	N o	0	0	0	.	⌊ I
25	−2.8	8.4	1.8	2.5	−2.0	744.0	742.8	743.1	87	43	61	N o	SE o	N o	0	0	0	.	⌊ I
26	−2.2	8.4	1.2	2.5	−2.1	742.6	741.1	740.0	87	43	59	N o	SE o	N o	0	0	0	.	⌊ I
27	0.6	5.0	1.4	2.3	−2.4	738.0	736.9	735.9	80	66	84	SW o	N o	N o	10	10	10≡●	1.2	● 2–6, $8^1/_2$–$9^1/_2{}^p$, ≡ III
28	−0.8	7.0	2.6	2.9	−1.9	734.6	**733.7**	735.0	93	76	86	NNE o	SE o	N o	10≡	0	0	.	≡ n–11^a
Mittel	−0.5	6.5	2.4	2.8	—	742.9	742.3	742.7	86	64	76				4.6	2.8	2.8	Summe 5.7	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^m/_m$.

Basel. *)

Februar 1913.
Bernoullianum.

1	2.6	7.8	6.4	5.6	5.1	739.7	736.6	**731.8**	95	55	91	SE o	SE 1	E o	6	5	10	12.5	● $4^1/_4$–$6^1/_2{}^a$, 4–$8^1/_2{}^p$
2	5.6	5.0	4.2	4.9	4.3	733.0	740.0	741.7	82	81	68	W 4	W 1	S 1	10●	5	5	2.0	⸗ I, ● $4^1/_4$–$8^3/_4{}^a$, $11^3/_4{}^a$–$0^1/_4{}^p$
3	6.6	8.6	8.5	7.9	7.2	743.9	746.6	748.6	76	65	72	NW 1	W 1	SW o	10	10	10	0.2	p ●°
4	7.8	9.4	7.0	8.1	7.3	749.7	749.8	748.7	77	64	71	SW o	W 1	E o	10	10	10	.	
5	2.4	8.6	3.7	4.9	4.0	744.8	742.4	741.1	86	62	82	SE o	SE 1	SE 1	1	7	0	.	
6	2.4	**10.7**	5.0	6.0	5.1	741.6	741.7	743.9	86	56	81	SE 1	SW o	SE o	10	3	0	.	
7	3.3	9.4	4.7	5.8	4.8	746.9	746.8	746.3	88	66	78	SE o	SE o	SE 1	10	2	0	.	
8	2.0	8.8	3.4	4.7	3.6	745.6	747.6	752.6	87	76	90	SE 1	W 1	SE 1	8	6	0	2.0	● $9^3/_4{}^a$–$0^1/_4{}^p$
9	−0.4	4.2	1.4	1.7	0.5	**753.6**	752.7	752.4	100	90	89	SE 1	SE o	E 1	10≡	5	0	.	≡ I
10	−0.4	4.6	1.8	2.0	0.7	751.9	750.6	751.0	92	71	85	E o	S 1	SE o	1	3	0	.	⌊ I
11	−0.4	7.3	5.4	4.1	2.7	751.0	750.6	751.0	92	66	84	SE 1	SE 1	SE 1	1	3	1	.	⌊ I
12	0.0	2.8	0.8	1.2	−0.3	750.6	750.7	749.8	97	97	92	S o	N o	S o	10≡	10≡	0	.	≡ ⌊ I, ≡^{2} $8^1/_2{}^a$–2^p
13	−2.2	4.6	1.4	1.3	−0.4	749.2	748.5	747.3	*93*	66	78	SW o	N o	SE o	4	1	0	.	≡° ⌊^{2} I
14	1.3	5.6	4.2	3.7	1.9	744.3	742.9	742.6	80	70	59	SE o	SE o	E o	10	10	0	.	
15	−2.0	2.6	0.0	0.2	−1.7	742.3	741.2	741.8	72	***34***	53	N o	E 1	E 1	1	0	0	.	
16	−3.2	2.6	0.4	−0.1	−2.1	740.9	739.6	738.8	*65*	*49*	*50*	SE o	S 1	E o	5	0	3	.	Ψ $8^3/_4{}^p$
17	−3.8	1.2	−0.4	−1.0	−3.1	736.4	734.6	734.3	*82*	59	*50*	NE o	N o	E 1	2	5	0	.	⌊ I
18	−5.0	−0.2	−1.0	−2.1	−4.3	734.9	735.2	735.9	*78*	*57*	*50*	N o	N o	SE 1	2	0	1	.	⌊ I
19	**−7.4**	−1.0	−2.8	−3.7	−6.0	735.8	735.1	735.6	*91*	*56*	*67*	E o	S o	SE o	2	0	0	.	⌊ I
20	−3.4	1.8	−1.4	−1.0	−3.4	736.4	735.3	735.8	*80*	67	*70*	SE o	N 1	W o	10≡	1	0	.	⌊ ≡ I
21	−5.0	0.0	−1.8	−2.3	−4.9	736.8	737.7	740.7	*90*	*66*	*60*	SE o	N 1	W o	10≡	7	0	.	⌊ ⌊ ≡ I
22	−6.6	1.6	−0.4	−1.8	−4.5	743.9	743.2	745.4	*90*	53	*55*	NW o	NE 1	E 1	4	1	0	.	⌊ ⌊ ≡° I
23	−6.6	3.4	1.8	−0.5	−3.3	746.2	744.8	744.1	*88*	48	60	N o	N o	E o	0	0	0	.	⌊ I
24	−2.8	5.6	0.2	1.0	−1.9	742.1	741.3	740.8	*72*	42	*65*	S o	S o	SE o	0	2	0	.	
25	−3.8	8.4	1.6	2.1	−0.9	740.9	739.2	737.9	*80*	38	53	SE 1	E o	SE 1	2	0	0	.	≡° I
26	−3.2	7.9	5.4	3.4	0.3	738.4	736.7	735.0	*79*	43	50	SE 1	E o	E o	0	0	10	2.0	
27	2.0	3.6	3.0	2.9	−0.3	733.5	731.9	733.4	89	97	97	SE 1	E o	SW o	10●≡	10●	10	**14.5**	≡ I, ● $6^1/_4{}^a$–$7^3/_4$, 9–$11^3/_4{}^p$
28	3.0	5.4	2.8	3.7	0.3	735.2	737.1	739.8	97	85	86	S o	W o	N o	10●	10	10	0.6	● $3^1/_2$–$8^3/_4{}^a$, ●° 6p–n
Mittel	−0.6	5.0	2.3	2.2	—	742.5	742.2	742.4	85	64	71				5.7	4.1	2.5	Summe 33.8	

*) **Basel.** Die kursiv eingetragenen Werte der Relat. Feuchtigkeit sind dem Polymeter entnommen und mit dem Hygrographen kontrolliert.

Februar 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$Hb = 2500.1^m$, $G = -0.16\,m/m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−9.6	−8.4	−4.2	−7.4	1.7	559.6	559.3	557.5	100	85	96	WSW 3	SW 2	WSW 4	10≡	9	10	2.3	≡ n−$9^1/_2{}^a$, $5^1/_2$−$9^1/_2{}^p$, *)
2	−6.2	−10.1	−12.0	−9.4	−0.3	555.5	557.7	559.8	92	100	100	WSW 4	WSW 4	WSW 2	10≡*	10≡*	10≡*	5.4	⸙ n−II, ⸙ $10^1/_2{}^a$, $\equiv^2$ *)
3	−9.2	−7.3	−7.8	−8.1	0.9	561.5	564.3	567.5	100	100	100	WSW 4	WSW 4	WSW 3	10≡*	10≡*	10≡	13.8	✳ ⸙ n−8^p, $\equiv^2$ ⫩^{2} V^2
4	−7.8	−4.8	−3.6	−5.4	3.6	569.2	569.9	569.6	75	71	66	WSW 3	WSW 4	W 2	5	3	1	.	⸙ II
5	−3.2	−2.0	−3.6	−2.9	6.1	567.4	566.1	564.8	66	65	70	SW 2	SSW 3	SW 2	1	6	2	.	
6	−7.4	−5.4	−7.2	−6.7	2.3	563.7	564.1	565.2	83	87	89	SW 2	SSW 1	SW 2	4	6	1	.	
7	−8.3	−5.8	−5.1	−6.4	2.6	566.6	567.6	568.2	94	66	50	WSW 3	SW 3	SW 2	3	5	1	.	≡ $8^3/_4{}^a$
8	−6.1	−7.8	−10.6	−8.2	0.8	566.9	565.8	569.2	53	95	100	WSW 5	WSW 5	WNW 1	3	10≡*	10≡*	14.5	⸙ n−II, ≡ ✳ ⫩ $o^3/_4{}^p$−n
9	−8.0	−6.4	−4.6	−6.3	2.7	570.0	570.7	571.7	33	**26**	54	NE 3	NNE 2	ENE 3	0	3	1	.	
10	−2.8	−1.3	**−0.6**	−1.6	7.4	571.6	571.6	**571.8**	66	53	30	NE 3	ENE 2	NW 2	1	7	1	.	
11	−3.4	−3.3	−8.6	−5.1	3.8	571.1	570.9	570.3	83	80	67	NNW 3	NNW 3	NNW 2	9	10	1	1.4	≡ $9^1/_4$-$11^1/_2{}^a$, ✳ ≡ $3^1/_2$-
12	−6.6	−7.9	−9.6	−8.0	0.9	569.2	568.7	567.8	48	56	66	NE 3	NE 3	NE 3	1	2	2	.	[$7^{1/2\,p}$
13	−10.6	−7.8	−10.6	−9.7	−0.8	566.1	566.3	565.3	74	62	100	NE 4	NE 3	NNE 3	1	4	10≡	.	a ⸙, ≡ $8^3/_4{}^p$−n
14	−10.5	−10.4	−15.8	−12.2	−3.3	562.4	561.4	560.0	100	100	97	NE 1	NE 2	NE 2	10≡	10≡*	3	1.4	≡ n−9^p, ✳ 9^a−8^p, ⫩ V
15	−11.8	−9.7	−9.8	−10.4	−1.5	558.7	558.7	559.0	38	31	30	NE 4	NE 4	NE 3	1	1	0	.	⸙ n−II
16	−12.2	−12.0	−17.3	−13.8	−4.9	557.7	557.1	555.6	70	98	94	NE 2	NNE 2	NE 1	2	1	2	.	$\equiv^c$ $4^1/_2{}^p$
17	**−18.0**	−16.4	−17.5	−17.3	−8.4	552.5	**551.6**	552.0	88	80	89	NE 1	ENE 2	SE 3	5	2	3	.	≡ $3^1/_2$−$3^3/_4{}^p$
18	−14.2	−10.1	−10.8	−11.7	−2.9	552.7	553.9	554.9	81	70	63	SSE 0	S 0	S 0	2	1	1	.	
19	−10.9	−9.9	−10.1	−10.3	−1.5	553.9	553.4	555.2	34	66	77	NW 2	SSE 3	SSW 4	1	0	2	.	⸙ III
20	−10.9	−8.4	−9.4	−9.6	−0.8	556.1	555.6	556.4	90	89	84	SSW 1	ENE 2	S 1	7	1	3	.	
21	−7.2	−7.2	−10.2	−8.2	0.6	556.4	557.3	558.9	60	74	86	SSW 0	ESE 1	ENE 4	5	7	7	.	⸙ III−n
22	−12.2	−12.0	−12.8	−12.3	−3.6	559.2	559.8	560.8	52	66	69	ENE 4	ENE 3	ENE 3	1	1	0	.	⸙ a, $4^1/_2{}^p$
23	−12.9	−9.6	−8.0	−10.2	−1.5	561.9	562.8	562.8	61	55	50	ENE 3	ENE 3	NE 3	1	1	1	.	
24	−6.7	−3.4	−5.4	−5.2	3.5	562.2	563.1	563.0	50	38	40	S 1	SSW 0	W 0	1	1	1	.	
25	−5.3	−3.8	−5.0	−4.7	3.9	561.9	561.9	560.8	40	45	50	ESE 1	ESE 2	SSW 2	1	1	0	.	
26	−7.0	−5.0	−9.3	−7.1	1.5	559.4	558.9	558.0	44	48	59	SSW 2	WSW 1	WSW 2	0	0	1	.	[$5^1/_2{}^p$−n, ⸙ III
27	−7.5	−6.0	−7.8	−7.1	1.5	555.9	555.2	554.4	82	80	100	SW 1	SW 2	WSW 4	9	10*	10≡*	**18.9**	✳ $o^3/_4{}^p$−n, ≡ 3^p−n, ⫩
28	−8.8	−7.5	−9.9	−8.7	−0.2	555.8	557.0	558.8	100	100	100	WSW 1	WNW 1	NNE 1	10≡*	10≡*	10≡*	11.2	⫩ n−9^a, 4^p−n, ✳ n−11^a, [$1^1/_4{}^p$−n, ≡
Mittel	−8.8	−7.5	−8.8	−8.4	—	561.6	561.8	562.1	70	71	74				4.1	4.7	3.7	Summe 68.9	*) **1.** a V, ✳ 4^p−n, ⫩^{2} ⸙ $6^3/_4{}^p$−n *) **2.** ✳ ⫩^{2} V^o

Februar 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$Hb = 2102.9^m$, $G = -0.14\,m/m$.

1	−6.9	−4.5	−7.7	−6.4	1.3	589.5	589.5	588.9	50	56	90	N 0	SE 2	S 2	5	9	10≡	2.1	≡^{2} III−n, n ✳
2	−7.1	−7.9	−10.1	−8.4	−0.7	586.3	587.3	590.7	90	91	85	S 2	N 2	N 1	10≡	10≡	6	**13.6**	≡ n−p, ⫩ ✳
3	−6.7	−3.5	−4.8	−5.0	2.7	592.9	594.4	597.3	94	91	72	NE 0	N 5	N 3-4	10*	3	1	.	✳ n−$7^1/_2{}^a$, p ⸙
4	−3.4	−0.5	−2.0	−2.0	5.6	598.2	599.0	598.6	38	25	24	N 2	N 1	N 0	5	1	0	.	
5	−2.0	0.8	−4.0	−1.7	5.9	596.6	595.7	594.5	27	26	54	SE 1	SE 1	SE 1	0	0	2	.	
6	−6.6	−1.5	−5.8	−4.6	3.0	593.2	593.5	594.9	66	44	61	SE 0	S 1	S 1	1	2	2	.	
7	−6.1	−2.9	−4.2	−4.4	3.2	596.2	597.2	597.9	53	45	38	N 2	NNE 1	NNE 1	1	5	1	.	
8	−5.9	−2.9	−8.0	−5.6	1.9	597.1	595.8	597.9	41	37	95	SE 1	N 2	N 3-4	1	8	5	3.1	⫩ ✳ 3^p−n, ⸙ III
9	−6.7	−3.9	−2.6	−4.4	3.1	599.5	599.9	**601.0**	20	15	23	N 2	N 2	N 2	0	0	0	.	
10	−0.7	**2.3**	0.1	0.6	8.1	600.6	600.4	600.6	15	35	51	N 1	N 1	N 1	1	2	1	.	
11	−3.0	0.2	−2.6	−1.8	5.6	599.2	597.7	599.0	40	62	100	N 3	N 3	N 3	3	8	10*	7.9	⸙, ⫩ ✳ 3^p−n
12	−5.6	−3.7	−6.4	−5.2	2.2	597.5	596.9	596.3	92	71	50	N 3	N 3	N 3	2	0	0	.	⸙
13	−6.5	−3.4	−10.6	−6.8	0.6	595.4	595.2	593.8	48	23	90	N 2	N 2	N 2-3	0	0	0	.	⸙ III−n
14	−9.9	−7.0	−9.7	−8.9	−1.5	589.9	588.2	588.2	94	72	50	N 5	N 6	N 5	4	5	0	.	⸙
15	−8.5	−6.6	−10.3	−8.5	−1.2	587.4	587.3	587.3	**14**	24	26	N 2	N 2	N 2	0	0	0	.	
16	−10.6	−10.0	−12.0	−10.9	−3.6	586.8	585.9	584.6	25	61	95	N 2	N 2-3	N 2-3	1	1	10≡	.	p ⸙, ≡ III
17	−13.4	−12.6	−15.0	−13.7	−6.5	582.4	**581.9**	582.8	93	92	90	NE 1	S 2	S 2	10≡	10≡	10*	3.3	a ≡, $\equiv^2$ II, ✳ $1^1/_2{}^p$−n
18	**−16.6**	−12.6	−15.7	−15.0	−7.8	583.6	584.4	585.1	89	90	90	SE 1-2	S 2	S 0	10≡	8	1	.	$\equiv^2$ I
19	−16.3	−11.0	−10.3	−12.5	−5.4	583.6	584.3	585.4	89	91	90	SSE 1	S 2	S 1-2	0	0	10	0.5	n $(^{19}/_{20})$ ✳^{o}
20	−9.7	−5.8	−9.0	−8.2	−1.1	585.6	585.6	586.1	95	71	94	S 1	S 1	S 1	9	10	8	.	
21	−8.4	−2.2	−9.0	−6.5	0.6	586.0	586.4	587.4	80	43	87	SSE 1	SSE 0	N 1	9	1	2	.	
22	−8.7	−7.6	−9.6	−8.6	−1.6	588.4	588.4	589.7	51	41	47	N 2	N 2	N 2-3	0	0	0	.	⸙ III
23	−11.1	−6.2	−7.8	−8.4	−1.4	591.0	591.6	592.0	21	16	17	N 2	N 2	S 2	0	0	0	.	
24	−8.0	−3.4	−8.5	−6.6	0.3	592.1	592.7	592.6	20	21	32	S 2	S 1	S 1	0	0	0	.	
25	−8.2	−2.5	−8.7	−6.5	0.4	591.3	591.5	591.2	22	21	43	SE 1	S 1	S 1	0	0	0	.	
26	−10.1	−4.6	−9.6	−8.1	−1.3	589.6	588.9	587.5	37	31	84	SE 1	S 1-2	S 1	0	0	10	.	
27	−9.5	−5.7	−8.1	−7.8	−1.0	585.9	585.4	584.6	56	48	92	S 2	S 2	S 2	4	10	4	5.2	n $(^{27}/_{28})$ ✳
28	−6.8	−5.5	−7.6	−6.6	0.1	584.9	585.8	587.5	98	99	99	N 3	N 2-3	N 2-3	10≡	10≡	10≡	6.2	⸙ $\equiv^2$, n ✳
Mittel	−8.0	−4.8	−7.8	−6.9	—	591.1	591.1	591.6	56	51	67				3.4	3.7	3.7	Summe 41.9	

$\lambda = 7°\,26'$, $\beta = 46°\,57'$,
$Hb = 572.2^{m}$, $G = 0.05\,{}^{m}/_{m}$.

Bern.

März 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}		1^{30}		9^{30}		7^{30}	1^{30}	9^{30}		
1	−0.3	2.7	−1.3	0.4	−1.6	715.2	715.5	715.9	93	70	83	NE	2	NE	1	NE	1	10	8	2	.	↙ I
2	**−4.3**	2.5	−0.9	−0.9	−3.0	716.5	717.7	720.1	97	66	94	N	0	SW	1	SW	0	7	9	2	.	a ⌊
3	−2.9	7.0	1.3	1.8	−0.5	720.5	720.1	719.5	93	42	82	SE	0	SW	0	NW	0	3	2	3	.	a ⌊
4	1.4	9.1	3.1	4.5	2.1	719.5	720.0	719.6	79	51	87	NNW	0	SW	0	S	0	9	4	3	.	
5	0.2	9.8	3.5	4.5	2.0	721.2	721.9	722.2	98	54	89	SE	1	SW	1	NE	0	1	1	2	.	a ⌊
6	−0.8	11.3	3.8	4.8	2.2	722.7	721.0	720.3	99	54	90	SE	0	SW	1	S	0	1	1	2	.	a ⌊
7	1.6	13.9	8.9	8.1	5.3	719.5	717.1	715.7	92	44	61	S	0	SW	2	SW	0	5	3	2	.	↙ II [$2^{1}/_{2}$–7^{p}, ✳–$9^{1}/_{2}{}^{p}$
8	2.5	7.8	0.0	3.4	0.5	714.2	714.2	720.0	90	81	100	S	0	SW	1	SW	0	9	10●	10	13.8	● $8^{1}/_{4}$–$8^{1}/_{2}$, $11^{1}/_{2}{}^{a}$–$1^{1}/_{2}$,
9	−1.0	3.2	−0.5	0.6	−2.4	723.6	724.4	**725.9**	98	60	84	WSW	0	NE	1	E	1	9*	6	1	.	✳ n–$7^{1}/_{2}{}^{a}$ ✳
10	−2.7	5.7	1.1	1.4	−1.7	**725.9**	725.0	724.2	87	47	82	SE	0	SW	0	S	0	10	8	1	.	
11	−1.5	11.4	5.3	5.1	1.8	723.2	720.9	720.6	100	37	84	SE	0	SW	0	S	0	3	3	2	.	a ⌊
12	1.7	12.3	5.5	6.5	3.1	720.6	718.8	715.7	98	53	83	NE	0	NE	1	SW	0	2	8	2	.	a ⌊
13	1.6	13.9	6.0	7.2	3.6	715.5	715.1	716.5	98	45	77	S	0	NW	1	SW	0	4	9	4	.	
14	4.4	14.1	7.7	8.7	5.0	717.7	716.2	716.0	89	52	85	SE	0	W	0	SW	0	9	1	2	.	
15	5.7	11.5	6.6	7.9	4.1	717.7	718.4	721.2	94	57	69	S	0	W	2	SW	0	6	8	9	.	↙ II
16	0.4	12.3	5.9	6.2	2.3	718.1	715.3	714.3	100	50	55	SE	0	W	0	WSW	0	1	1	1	.	a ⌊
17	0.7	14.8	8.8	8.1	4.0	710.7	704.6	**702.0**	89	**28**	64	SE	0	NW	1	SW	2	1	7	10●	**21.3**	↙ III, ● $9^{1}/_{2}$–10^{p}, ✳–n
18	0.7	4.2	−1.4	1.2	−3.0	704.3	704.8	705.5	96	55	95	SW	0	NW	0	SE	0	10	5	1	1.5	✳ o–$o^{3}/_{4}{}^{p}$ ✳
19	−3.2	5.8	6.5	3.0	−1.4	705.1	703.5	704.7	92	46	69	SE	0	S	0	SW	0	4	7	9	0.4	a ⌊, n ●° ✳
20	7.2	12.0	9.0	9.4	4.9	708.1	708.8	708.8	87	69	94	WSW	1	SW	2	SW	0	10	10	9	18.0	● 8–$11^{3}/_{4}{}^{a}$, n, ↙ II
21	8.6	9.3	7.9	8.6	4.0	709.8	711.5	711.9	96	93	94	SW	0	SE	0	SE	0	10●	10●	10●	16.5	●, n ●
22	4.3	15.1	10.7	10.0	5.2	710.6	707.6	705.5	97	66	93	SE	0	NW	0	SW	0	8≡	5	9	3.5	≡ I, n ●
23	4.5	7.2	5.0	5.6	0.7	708.4	706.6	705.7	89	79	97	WSW	0	NE	0	N	0	10●	10	10●	14.7	●
24	1.2	4.2	4.0	3.1	−1.9	708.3	711.3	713.4	98	88	97	SW	0	SW	0	S	0	10●	10●	10	4.2	● ✳ n–I, ●–II
25	3.3	5.6	2.6	3.8	−1.4	714.6	715.2	713.4	95	83	91	NE	1	NE	1	NE	0	10	10	3	.	
26	1.7	1.7	5.2	2.9	−2.4	710.3	706.5	707.1	98	74	92	NNW	0	NE	1	SW	1	9	10	3	.	
27	6.1	11.0	4.7	7.3	1.9	708.8	708.2	706.5	78	49	82	SW	1	SW	1	SE	0	8	7	2	.	
28	1.8	13.9	6.4	7.4	1.8	704.9	705.7	706.5	99	35	75	SE	0	NW	1	NW	0	5	4	2	.	⌊ I
29	5.1	13.9	9.6	9.5	3.8	705.6	706.8	708.4	89	50	88	S	0	NE	0	NE	0	10	9	6	.	
30	7.5	16.8	9.6	11.3	5.4	707.7	707.5	707.4	87	50	73	S	0	W	0	SE	0	10	9	2	.	
31	5.6	**18.7**	9.5	11.3	5.3	706.0	706.4	709.6	82	31	78	N	0	NW	1	W	1	3	3	9	12.7 Summe	n $(^{31}/_{1})$ ●
Mittel	2.0	9.8	5.0	5.6	—	714.0	713.4	713.7	93	57	83							6.7	6.4	4.6	106.6	

$\lambda = 6°\,57'$, $\beta = 47°\,0'$,
$Hb = 487.3^{m}$, $G = 0.06\,{}^{m}/_{m}$.

Neuenburg.

März 1913.
Observatorium.

1	1.1	4.2	0.4	1.9	−1.6	723.2	723.4	723.7	80	63	69	NE	1	E	3	NE	2	10	6	0	.	↙ II
2	**−3.7**	3.0	−0.3	−0.3	−3.9	724.5	725.5	727.7	91	70	84	N	1	SW	1	N	1	3	9	2	.	
3	−1.9	6.7	2.2	2.3	−1.5	728.4	728.2	727.2	95	59	80	N	1	S	1	N	1	4	3	0	.	
4	4.8	10.4	5.1	6.8	2.9	727.4	728.0	727.2	68	47	75	SW	1	NW	1	NW	1	9	7	5	.	p ≡°
5	0.5	10.9	4.5	5.3	1.3	728.7	729.5	730.0	94	61	83	NW	1	SE	1	N	1	2	2	0	.	
6	0.0	10.6	5.1	5.2	1.0	730.4	729.1	727.9	100	66	84	N	1	SW	1	NW	1	3	2	0	.	
7	3.5	13.6	9.0	8.7	4.4	727.0	725.4	723.1	90	55	66	W	1	W	1	NW	1	8	3	0	.	
8	7.1	8.6	0.5	5.4	1.0	721.5	722.0	728.7	79	73	100	W	1	W	2	NW	1	9	9	10*	4.8	●° $6^{3}/_{4}{}^{a}$, 1^{p}–p, ↙ $2^{1}/_{2}$– [$4^{1}/_{2}{}^{p}$, ✳ $5^{1}/_{2}{}^{p}$–n
9	−1.4	5.1	1.3	1.7	−2.9	731.4	732.3	733.7	81	49	53	NW	1	E	1	E	1	6	7	0	.	
10	−1.2	4.4	1.7	1.6	−3.1	**734.0**	732.9	731.9	72	69	70	NE	1	SW	1	N	1	10	7	3	.	
11	−1.2	9.5	5.2	4.5	−0.3	731.1	728.8	728.1	92	49	73	NW	1	SW	1	NW	1	3	7	0	.	≡° II
12	1.8	12.7	6.6	7.0	2.0	728.1	726.2	723.2	82	42	70	NW	0	E	2	N	1	5	8	2	.	≡° I
13	3.2	12.0	10.9	8.7	3.6	722.9	722.8	723.9	93	61	57	W	0	SW	1	W	1	8	9	9	.	≡° I
14	6.3	14.5	10.1	10.3	5.0	725.1	724.0	723.7	82	53	68	NE	1	SW	1	NW	1	7	2	0	.	
15	8.8	11.3	8.6	9.6	4.2	725.1	726.2	728.6	77	59	41	SW	1	NW	2	NW	2	9	9	9	.	↙ $2^{1}/_{2}{}^{p}$–n
16	1.3	13.2	6.9	7.1	1.6	725.8	723.1	721.9	91	46	55	E	1	W	1	NW	1	0	3	0	.	p ↙
17	6.2	13.5	3.4	7.7	2.0	717.4	712.4	**710.1**	71	**38**	97	W	1	SW	3	NW	4	2	7	10●	22.5	p ↙, ● 3^{p}–n, n ✳
18	1.0	5.8	0.7	2.5	−3.3	711.9	712.7	713.1	93	62	90	W	1	SW	1	N	1	9	7	3	0.5	p ✳°
19	−0.8	7.0	8.2	4.8	−1.1	712.6	711.0	712.4	92	56	71	NE	1	SW	2	SW	3	10	9	9	.	↙ $3^{1}/_{2}{}^{p}$–n
20	8.8	9.7	9.7	9.4	3.3	715.5	716.6	716.2	74	85	92	SW	2	SW	2	SW	1	10	10●	9	7.8	●° $8^{1}/_{2}{}^{a}$–9^{p}, ●–n
21	9.1	9.0	8.7	8.9	2.7	717.3	718.7	719.3	96	97	100	W	1	SW	1	NW	1	10●	10	10	**22.7**	●, ≡ $9^{1}/_{2}{}^{a}$–p, n ●
22	7.2	12.4	10.4	10.0	3.7	718.2	715.5	713.0	100	81	90	SE	1	SE	1	SW	1	10●	6	10	11.8	●° n–$7^{3}/_{4}{}^{a}$, 5–$5^{1}/_{2}{}^{p}$, ≡^{2} n–
23	5.0	7.8	5.2	6.0	−0.5	715.5	714.2	713.3	89	76	94	SW	1	E	1	N	1	9	10	10●	9.0	a ●°, p n ● [11^{a}, n ● ↙
24	3.0	5.6	4.3	4.3	−2.3	715.7	718.6	721.0	97	92	93	SW	1	SW	1	NW	1	10●	10●	10	2.7	● n–$3^{1}/_{2}{}^{p}$
25	4.3	6.5	5.2	5.3	−1.5	722.5	723.0	720.7	82	73	81	NE	1	NE	1	NE	1	9	10	8	.	
26	4.8	8.2	6.6	6.5	−0.4	717.7	714.1	714.8	87	73	85	NE	1	NE	1	NW	2	10	10	8	1.2	n $(^{26}/_{27})$ ●
27	7.0	9.8	5.0	7.3	0.3	716.0	715.6	713.9	72	62	70	NW	2	NW	1	NW	1	9	8	0	.	●° $1^{1}/_{2}{}^{p}$
28	3.0	11.2	6.8	7.0	−0.2	712.5	713.1	713.7	91	55	66	N	1	SW	1	N	1	8	7	0	.	
29	5.6	12.2	10.0	9.3	2.0	713.0	714.2	715.6	94	65	73	W	1	E	1	N	1	10	10	10	.	
30	8.0	14.1	10.0	10.7	3.3	715.1	715.1	714.5	89	61	64	NE	1	NE	1	NW	1	10	10	3	.	
31	9.2	**16.3**	8.3	11.3	3.7	713.3	713.8	717.3	67	50	93	NW	1	W	1	SW	2	4	9	10●	13.6 Summe	● $7^{1}/_{4}{}^{p}$–n
Mittel	3.6	9.7	5.8	6.4	—	721.6	721.2	721.3	86	63	77							7.3	7.3	4.9	96.6	

März 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m/m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	2.6	4.0	2.2	2.9	−0.4	725.7	726.7	726.2	79	62	58	NW 1-2	NW 1	NE 0-1	10	6	8	.	
2	**−2.8**	3.8	0.2	0.4	−3.0	726.8	727.7	730.2	79	58	85	SE 0	NW 0-1	N 0	0	0	0	.	
3	−2.6	6.4	1.9	1.9	−1.6	730.9	730.9	729.9	84	32	60	SE 0	N 1	SE 0	1	0	0	.	
4	2.5	6.6	3.0	4.0	0.3	729.7	730.5	729.7	68	49	78	NE 0	N 1	N 0	10	2	0	.	
5	0.1	9.6	4.2	4.6	0.8	731.6	732.1	732.6	96	50	69	E 0	NW 0	SE 0	0	0	0	.	
6	−0.2	10.2	3.8	4.6	0.7	733.2	731.5	730.1	95	52	62	E 0	N 0	SE 0	0	0	0	.	
7	2.8	13.3	5.7	7.3	3.3	729.8	726.1	726.0	83	40	65	E 0	NW 0-1	SE 0	4	0	0	.	
8	4.6	12.0	2.3	6.3	2.1	723.5	723.5	730.0	73	57	97	SE 0-1	NW 1-2	NW 0	5	10●	10●	**9.1**	p ● ⸙
9	1.4	2.8	−0.2	1.3	−3.0	733.7	735.1	**737.3**	70	60	81	N 0-1	N 1	N 0-1	10*	6	0	1.2	✳ n-l
10	-1.3	4.6	1.8	1.7	−2.7	736.7	735.1	734.2	76	45	88	SE 0	N 0	N 0	10	5	0	.	
11	−0.6	9.4	4.2	4.3	−0.3	733.6	731.1	730.8	96	49	89	E 0	NW 1	SE 0	1	5	0	.	
12	1.8	11.0	5.6	6.1	1.4	730.9	729.2	725.0	99	48	80	E 0	NW 0	N 0-1	0	10	0	.	
13	3.3	12.4	7.2	7.6	2.8	724.8	724.8	725.8	94	42	67	SE 0	N 0	SE 0	8	3	0	.	
14	4.8	12.6	7.2	8.2	3.2	727.8	727.0	726.0	93	50	76	E 0	NW 1	E 0	8	1	0	.	
15	4.6	13.4	9.1	9.0	3.9	727.4	728.1	731.8	96	49	65	E 0	W 0	S 0-1	7	9	10	0.5	●° $5^1/_2{}^p$–III
16	2.5	11.3	11.4	8.4	3.2	728.1	724.6	723.6	94	49	36	SE 0	NW 1-2	SE 2	0	1	3	.	
17	10.7	15.4	12.2	12.8	7.4	719.8	717.1	**711.6**	32	30	36	S 2-3	SE 3-4	S 3	3	6	8	6.3	⸙
18	1.8	4.8	−0.4	2.1	−3.4	713.9	715.1	715.9	100	80	74	E 0-1	E 1	SE 0-1	10*	10*	0	4.5	✳ $5^1/_4{}^a$–$1^3/_4$, $2^3/_4$–4^p
19	−1.7	5.4	5.9	3.2	−2.4	715.0	713.4	713.9	81	49	65	S 0	NW 1	NE 0	9	9	10	.	
20	6.2	12.4	11.3	10.0	4.2	717.8	718.7	718.4	79	60	53	E 0	W 1	E 2	10	10	10	0.7	●° 8–$10^1/_4{}^a$
21	9.0	11.9	8.2	9.7	3.8	720.1	721.0	721.6	91	76	95	W 0	NW 1	N 0	10	10	8	.	
22	5.3	18.0	16.4	13.2	7.2	720.5	719.1	715.2	100	30	31	E 0-1	E 3-4	S 4	2	3	10	.	⸙ $9^1/_4{}^a$–n, p ●°
23	10.2	8.2	7.0	8.5	2.3	716.8	717.0	715.2	74	75	80	N 1-2	N 0	NW 0-1	7	10	10●	4.7	● $2^3/_4{}^p$–n
24	3.9	5.4	3.8	4.4	−1.9	717.7	720.7	723.8	89	84	100	NE 0-1	NW 0	NW 0	10●	10●	10	3.9	● n–$6^1/_4{}^p$
25	4.8	7.6	10.7	7.7	1.3	724.9	725.1	722.7	99	60	32	N 0	N 1-2	SE 2	10	5	10	.	≡° l, ⸙ $9^3/_4{}^p$–n
26	12.0	19.2	14.7	15.3	8.7	721.5	717.1	715.2	33	30	32	S 3-4	SE 3-4	SE 3	9	6	0	4.2	⸙, n ●
27	7.8	11.6	5.4	8.3	1.6	718.8	718.6	716.8	94	59	85	E 0	N 1	SE 0	10	8	0	1.9	⸙ n–2^a, ● $10^1/_4$–$11^1/_2{}^a$,
28	2.6	15.6	13.1	10.4	3.6	714.8	715.0	717.2	95	30	32	S 0-1	SE 3-4	S 3	0	3	0	.	⸙ $9^1/_2{}^a$–n [$2^1/_4{}^p$
29	15.2	16.9	17.8	16.6	9.6	715.8	718.1	719.4	29	29	23	SE 3-4	S 4	S 4	10	10	10	.	⸙
30	16.5	**20.1**	16.7	17.8	10.7	718.9	719.4	719.5	22	**21**	26	S 3-4	S 4	S 4	10	10	6	.	⸙
31	16.8	18.0	14.4	16.4	9.2	716.6	718.5	718.4	30	30	45	S 3-4	SE 4	SE 0-1	8	5	10●	5.8	⸙, ●° 4–$5^1/_2{}^p$, ● $9^1/_2{}^p$–n
																		Summe	
Mittel	4.7	10.8	7.3	7.6	—	724.1	723.8	723.7	78	50	63				6.2	5.6	4.3	42.8	

März 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m/m}$.

1	3.0	4.1	2.2	3.5	0.5	728.7	729.8	730.6	73	66	93	N 2	NE 1	NNE 1	9	7	4	.	⸙
2	0.8	6.2	1.8	2.8	−0.3	731.3	733.1	734.6	78	50	85	NE 1	SSW 0	N 0	8	7	1	.	
3	−2.0	5.9	3.0	2.6	−0.6	735.6	735.7	734.5	92	40	80	WNW 0	N 1	NE 0	0	1	0	.	⌙ l
4	2.8	12.8	8.0	7.3	4.0	734.4	735.0	733.4	75	37	47	SE 1	SW 1	SW 0	7	4	4	.	
5	0.4	8.6	5.6	5.5	2.1	735.5	736.7	737.0	96	60	73	E 0	N 1	NNW 0	2	1	0	.	⌙° l
6	−0.6	9.8	6.2	5.2	1.6	737.8	736.5	735.7	92	54	82	SSW 0	NNE 0	WSW 0	1	1	0	.	⌙ l
7	3.8	15.5	10.8	9.7	6.0	734.7	733.4	730.9	77	43	60	SSE 0	SW 1	SW 1	6	2	0	.	
8	8.4	12.0	1.0	7.0	3.2	730.0	730.2	735.3	73	58	100	SW 1	SW 2	NE 2	7	10	10*	5.0	p ⸙, ● $7^1/_2{}^p$, ✳ $9^1/_2$-$10^1/_2{}^a$
9	2.4	5.2	2.6	3.0	−0.9	737.7	738.3	740.3	61	81	96	NE 1	NE 2	NE 3	6	2	0	.	⸙
10	**−2.2**	5.6	3.0	2.7	−1.3	**740.6**	740.4	739.4	98	98	93	E 0	N 1	NNE 0	7	7	1	.	
11	−1.2	7.8	6.2	4.2	0.1	737.6	735.3	734.6	96	48	48	S 1	N 0	NNE 1	2	3	0	.	⌙° l
12	1.0	10.4	7.4	6.7	2.4	735.1	732.5	730.4	98	60	70	SSW 0	NNE 1	NW 0	4	5	0	.	⌙° l
13	4.4	14.2	9.2	9.0	4.6	730.4	730.4	730.3	90	43	51	SSE 1	WSW 1	SW 0	1	8	4	.	
14	4.8	**16.8**	10.8	10.9	6.4	732.6	731.3	730.8	86	42	65	E 0	SSW 1	SSW 0	2	1	0	.	
15	10.8	13.0	8.8	10.9	6.3	732.3	734.5	735.7	62	51	54	SSW 1	SW 1	NNE 0	7	10	8	.	
16	1.8	14.2	11.4	9.1	4.4	733.5	731.2	729.4	88	32	50	SSE 0	SW 2	SSW 0	0	0	0	.	⌙° l, ⸙ ll
17	7.8	13.2	8.7	10.1	5.2	725.3	721.5	**718.2**	60	38	77	SSW 2	SSW 2	SSW 1	1	7	10●	20.7	⸙, ● 8–$10^1/_2{}^p$, n ● ✳
18	0.8	5.1	0.4	2.6	−2.4	719.9	720.2	720.0	94	55	83	SSW 1	SSW 2	ESE 0	6	9	0	.	⸙ ll, ✳° 2^p
19	−2.1	9.6	8.4	4.3	−0.8	720.3	719.2	721.5	92	**27**	65	SSE 0	SSW 2	SSW 2	2	5	10	.	⌙ l, ⸙
20	10.5	11.4	10.0	10.7	5.4	723.5	724.1	723.3	64	86	88	SSW 1	WNW 0	SSW 1	10	10●	10	21.4	● $1^1/_2{}^p$–n
21	9.8	9.6	8.2	9.7	4.3	724.1	725.1	726.2	98	98	98	SSW 0	SSW 0	NNE 0	10●	10●	10	26.8	⸙ 2^a, ●^{2} n–$8^1/_2{}^p$
22	8.2	12.4	11.4	10.1	4.6	724.1	722.3	720.1	96	63	95	NNE 0	NNE 1	SSW 1	10	3	10●	23.3	● $4^3/_4{}^p$–n
23	6.2	7.2	4.6	6.3	0.7	722.7	721.4	720.1	96	82	96	ESE 0	N 0	ESE 0	10●	10●	10●	**28.7**	●^{2}, n ●^{2}
24	2.4	6.4	6.0	4.7	−1.1	723.4	725.8	727.8	98	76	84	ESE 0	WNW 1	NNE 0	10●	10●	10	0.7	●° n–$1^1/_2{}^p$
25	5.8	8.0	6.8	6.6	0.7	728.4	729.4	727.2	82	62	70	NNE 1	NNE 1	NNE 2	9	6	10	.	p ⸙
26	5.4	8.1	7.5	6.7	0.7	724.6	721.4	721.4	87	74	85	NNE 0	N 1	W 0	10	9	10●	0.9	●° $6^3/_4{}^p$–n
27	7.8	14.2	10.4	10.5	4.3	724.1	723.8	721.7	68	33	53	SW 1	SSW 1	SSW 0	6	5	0	.	
28	2.8	10.8	8.2	6.8	0.5	719.3	719.5	720.7	84	51	70	WNW 0	NNW 0	NNE 0	5	6	1	.	a ⌙°
29	6.1	11.8	10.3	9.2	2.8	719.7	720.0	722.5	84	48	80	N 0	NNE 1	N 0	10	10	9	.	
30	8.4	15.0	11.0	10.9	4.3	721.8	721.5	720.6	84	52	65	N 0	N 0	N 0	10	10	0	.	
31	9.4	12.4	8.2	9.3	2.6	720.3	722.1	723.8	60	70	98	N 0	SSW 1	SW 0	6	10	10●	14.2	● 3^p–n
																		Summe	
Mittel	4.1	10.2	7.0	7.1	—	728.7	728.5	728.3	83	57	76				5.9	6.1	4.6	141.7	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35p}.

$\lambda = 8°\,33'$, $\beta = 47°\,23'$,
$Hb = 493.2^m$, $G = 0.08\,{}^m/_m$.

Zürich.

März 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	0.2	2.8	−0.7	0.8	−1.6	723.3	723.9	723.9	81	67	73	NW 1	NE 2	NE 1	10	8	1	0.1	⚹° $9^1/_2{}^a$, p 🌧
2	−4.8	3.2	0.2	−0.5	−3.0	723.8	724.8	726.8	91	62	85	W 0	W 1	SW 0	0	3	0	.	⌊ l
3	−1.2	9.9	2.7	3.8	1.2	727.9	727.2	726.3	90	46	78	E 0	SW 0	SW 1	6	0	1	.	⌊ l
4	4.6	11.9	4.0	6.8	4.1	726.0	727.2	726.6	66	51	81	S 1	W 1	NW 0	10	4	1	.	●° n–l
5	0.4	12.6	4.0	5.7	2.8	728.0	728.9	729.5	98	38	87	E 0	NW 1	NW 0	1	0	0	.	⌊^{2} l
6	−0.8	14.0	5.7	6.3	3.3	729.8	728.3	726.9	100	47	79	W 0	W 1	S 0	1	1	0	.	⌊^{2} l, ≡$-8^1/_2{}^a$
7	5.8	15.6	8.0	9.8	6.7	726.2	724.5	722.5	76	45	68	S 0	SW 1	SW 0	5	1	2	.	p 🌧
8	8.4	10.1	0.2	6.2	2.9	720.5	720.2	727.4	66	67	100	W 1	SW 4	NW 1	5	10●	10*	15.4	●° $7-7^1/_2{}^a$, a 🌧, ● *)
9	−0.8	3.8	−0.8	0.7	−2.7	730.8	732.2	**733.6**	98	66	88	N 0	NW 0	NW 0	8	6*	2	0.1	⚹° $1-1^1/_2{}^p$
10	−1.4	7.3	3.8	3.2	−0.4	733.0	731.8	731.4	79	47	63	E 0	SW 0	SW 0	10	4	5	.	⌊° l
11	−0.3	13.4	6.8	6.6	2.9	730.4	727.7	727.2	89	40	67	E 0	SW 0	E 1	1	3	0	.	⌊ l
12	1.4	14.8	8.1	8.1	4.3	728.5	726.7	722.4	98	45	57	NE 0	NE 1	NW 1	0	4	2	.	⌊^{2} l, ⊕ 4^p
13	2.4	14.7	8.6	8.6	4.6	722.0	722.0	722.8	92	42	55	W 0	W 1	NW 1	3	7	8	.	⌊ l
14	3.2	15.2	6.8	8.4	4.3	724.9	723.3	722.8	95	49	90	NW 0	SW 1	W 0	2	3	0	.	
15	6.7	10.8	8.2	8.6	4.3	724.0	724.7	728.5	84	63	50	SW 0	NW 2	NW 1	4	9	9	.	🌧, ●° $0^3/_4$, $1^3/_4$, $4-4^1/_4{}^p$
16	0.0	13.6	7.1	6.9	2.5	724.9	722.4	721.1	94	37	64	NE 0	SW 2	NW 1	0	1	0	.	⌊ l, p 🌧
17	2.8	16.0	7.7	8.8	4.3	717.2	712.6	**709.0**	84	38	77	W 0	W 1	W 3	0	7	10●	13.9	p n 🌧, ● $8^3/_4{}^p$–0^a
18	0.4	4.3	0.3	1.7	−3.0	711.5	712.3	712.9	100	64	96	NW 0	NW 1	SW 0	10*	6	3	0.6	⚹ $0-9^a$, ⚹° $10-10^1/_4{}^a$, *)
19	−2.3	6.2	8.1	4.0	−0.8	712.2	710.4	710.9	84	43	55	SE 0	SW 3	W 3	2	7	10	0.1	⌊^{2} l, p n 🌧
20	10.8	11.0	10.8	10.9	5.9	714.4	715.9	715.5	66	80	80	W 3	S 0	W 0	10●	10●	10	13.2	a 🌧, ●° $7-10^3/_4{}^a$, ● 11^a-4^p
21	8.6	9.2	7.8	8.5	3.4	717.3	718.3	718.7	96	83	95	SE 0	SW 1	SE 1	10●	10●	9	**21.6**	● $3^3/_4{}^a-5^1/_2$, $10-11^p$
22	6.4	19.9	13.2	13.2	8.0	717.9	714.9	711.8	99	40	50	E 0	NE 1	NE 0	6	2	10	0.1	≡° l
23	6.0	8.1	6.2	6.8	1.4	715.3	713.6	712.7	86	68	94	NW 1	SW 0	NE 1	10	10	10●	14.5	🌧 4^a, ● $2^3/_4{}^p$–n
24	2.6	5.1	4.0	3.9	−1.6	715.0	717.8	720.8	91	82	95	NW 1	SW 0	S 0	10●	9●	10	3.8	● n–$4^1/_2{}^p$
25	3.5	8.8	6.2	6.2	0.6	722.1	722.8	721.0	87	62	82	E 1	NE 1	NE 1	10	7	10	0.1	
26	4.2	9.9	7.8	7.3	1.5	718.7	714.6	712.4	89	66	89	W 0	E 1	NW 0	5	9	1	0.7	↘ $9-9^1/_2{}^p$
27	5.9	13.0	5.4	8.1	2.2	715.8	715.0	714.1	95	42	77	S 0	SW 2	N 0	6	6	0	.	● △ $6^1/_4-6^1/_2{}^a$, 🌧
28	1.5	15.8	9.4	8.9	2.9	712.5	712.2	713.7	100	45	60	NE 0	N 1	S 1	1	1	0	.	⌊^{2} l
29	6.1	16.3	11.6	11.3	5.1	713.0	714.1	715.3	75	48	67	NE 0	NW 1	NE 1	8	7	10	.	
30	9.2	**22.0**	16.6	15.9	9.6	715.0	714.5	714.3	79	**18**	28	NE 0	SW 1	SW 2	4	7	2	.	p 🌧
31	16.7	**22.0**	10.2	16.3	9.9	713.1	713.2	716.4	38	37	85	S 1	W 1	NW 1	8	1	3	3.1 Summe	🌧, n ●
Mittel	3.4	11.7	6.4	7.2	—	721.1	720.6	720.6	86	52	75				5.4	5.3	4.4	87.3	

[*) 8. $8^3/_4-9^a$, $0^1/_2-5^3/_4{}^p$, ⚹–10^p, 🌧 II *) 18. $0^1/_2$, $3^3/_4-6^1/_4$, 8^p

$\lambda = 8°\,30'$, $\beta = 47°\,3'$,
$Hb = 1787.3^m$, $G = -0.11\,{}^m/_m$.

Rigi-Kulm.

März 1913.
Beobachter: *Hospenthal.*

1	−7.6	−3.4	**−10.4**	−7.1	−3.5	613.8	614.5	614.6	100	100	100	SW 0	SE 0	SE 1	10≡	10≡	0	.	≡ n–p
2	−4.4	−1.0	−5.4	−3.6	0.0	614.7	616.3	618.4	26	23	32	E 0	W 0	W 3	0	1	3	.	🌧 III
3	−4.4	−1.0	−1.0	−2.1	1.4	618.6	619.3	619.1	85	67	30	W 0	W 0	W 3	3	1	3	.	🌧 III
4	−2.2	−0.6	0.4	−0.8	2.7	619.0	619.9	620.0	68	83	55	NW 2	W 1	W 2	10	0	3	.	
5	−1.0	4.2	0.6	1.3	4.7	619.9	621.9	622.4	47	38	77	W 1	W 2	W 0	0	0	0	.	
6	1.4	4.8	2.6	2.9	6.3	622.5	622.1	621.3	52	40	45	S 1–2	S 1	SW 2	0	0	0	.	
7	1.2	3.0	1.4	1.9	5.2	620.1	619.5	617.9	73	75	83	W 3	W 0	W 1	5	0	0	.	🌧 I
8	−1.8	−1.0	−7.8	−3.5	−0.3	615.2	614.9	617.9	54	100	100	W 3	W 4	NW 1	3	10≡*	10≡*	12.1	a 🌧, 🌧 II, p ⚹ ≡
9	−9.6	−7.6	−9.8	−9.0	−5.8	620.1	621.2	622.5	100	100	100	W 0	E 0	E 1	10≡	0	0	.	≡ I
10	−4.2	0.6	0.6	−1.0	2.1	622.9	622.8	**623.3**	96	60	60	W 0	W 1	W 2–3	10	3	0	.	🌧 III
11	3.0	6.6	2.4	4.0	7.0	623.0	622.3	621.9	45	53	82	W 1	W 1	W 2	0	3	1	.	
12	0.6	4.0	4.2	2.9	5.9	621.5	620.4	618.2	30	58	42	W 0	SE 1–2	SE 2	0	3	1	.	
13	3.0	5.2	2.0	3.4	6.3	616.9	617.1	617.8	44	60	80	W 0	W 0	W 1–2	5	5	1	.	
14	1.4	5.2	2.4	3.0	5.8	618.8	618.2	618.4	74	63	90	W 1	W 1	W 1–2	3	1	1	.	
15	−0.2	2.2	−2.2	−0.1	2.7	618.2	619.1	620.9	100	71	100	W 4	NW 2	W 1	10≡	7	10≡	.	🌧 ≡ I, ≡ III
16	−0.6	3.2	−0.4	0.7	3.4	618.1	617.1	616.3	28	35	80	NW 2	NW 0	W 0	0	0	0	.	
17	0.4	4.8	0.4	1.9	4.5	611.9	609.4	605.5	48	41	70	S 2–3	SW 2	SW 2–3	0	5	5	8.4	🌧 I, III
18	−7.6	−7.8	−8.0	−7.8	−5.2	**603.9**	604.6	605.7	100	100	100	NW 2	W 1	E 0	10≡*	10≡*	0	7.8	⚹ ≡ n–II
19	−6.2	−1.4	1.0	−2.2	0.3	605.5	604.6	606.3	96	77	80	NW 2	SW 2–3	W 4	3	7	7	.	p 🌧, 🌧 III–n
20	−0.4	4.2	4.2	2.7	5.1	610.2	610.5	612.1	100	75	68	W 4	W 4	W 2–3	10	10	3	7.6	🌧, 🌧 III, n ● ⚹
21	0.6	2.2	3.0	1.9	4.2	612.9	613.4	614.7	100	98	80	W 1	S 0	SW 0	10☾*	10●*	7	**14.5**	● ⚹, ● III
22	3.0	7.0	5.0	5.0	7.3	613.3	611.5	609.7	68	46	50	SE 3	S 0–1	S 2–3	1	1	3	.	🌧 I, III
23	−1.0	0.6	−1.0	−0.5	1.7	609.4	608.5	607.4	100	100	100	NW 0–1	NW 0	NW 0–1	10≡	10	10≡	10.2	≡, ≡° II, n ⚹
24	−4.6	−1.4	−4.0	−3.3	−1.2	608.1	610.8	613.6	100	100	100	NW 2	E 1	E 1–2	10*	10*	3	6.5	⚹ n–II
25	−2.6	−0.6	−0.4	−1.2	0.8	619.3	615.0	614.1	100	95	53	E 0	SE 2–3	SE 4	3	0	10	.	p 🌧, 🌧 III–n
26	2.0	5.6	3.6	3.7	5.6	612.2	609.7	608.6	51	49	54	SE 4	S 4	S 4	7	10	5	2.7	🌧, n ⚹
27	−1.6	−0.2	−2.0	−1.3	0.5	610.4	610.2	609.3	100	100	97	NW 1–2	W 2	W 0	10≡	3	0	.	≡ I
28	0.2	2.8	2.6	1.9	3.7	607.5	608.4	610.2	51	45	46	S 1	S 2	S 3	3	3	0	.	🌧 III–n
29	5.6	7.4	7.0	6.7	8.4	609.2	611.5	612.8	40	39	35	S 4	S 4	S 3	10	10	10	.	🌧, 🌧 III–n
30	5.8	**8.7**	5.8	6.8	8.4	612.4	612.4	611.5	28	**22**	36	S 4	S 4	S 4	10	10	0	.	🌧
31	6.0	7.4	2.4	5.3	6.8	609.8	611.1	612.0	46	45	97	S 4	S 2	NW 1	8	3	3	5.9 Summe	🌧 n–I, n ⚹
Mittel	−0.8	2.0	0.0	0.4	—	614.8	614.8	615.0	69	66	72				5.6	4.7	3.2	75.7	

März 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 35'$,
$Hb = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	-9.4	-1.6	-11.6	-7.5	-1.8	618.7	618.8	620.2	78	46	64	SE 0	SW 2	NE 1	7	1	0	.	
2	**-18.6**	-2.4	-10.0	-10.3	-4.7	620.4	620.7	623.3	80	54	54	SW 1	NE 0	W 1	0	0	0	.	
3	-15.4	-0.2	-7.6	-7.7	-2.2	624.7	624.1	625.2	73	50	63	S 0	SE 0	W 1	0	0	0	.	
4	-8.2	4.8	-4.8	-2.7	2.7	624.6	624.8	626.8	77	50	71	S 0	NE 3	W 1	10	6	3	.	⌿ II
5	-9.0	4.0	-4.0	-3.0	2.2	626.7	627.0	629.1	84	51	69	S 0	S 1	W 0	0	0	0	.	
6	-9.6	6.6	-2.6	-1.9	3.2	**629.2**	628.1	628.1	81	45	70	NE 0	S 1	W 0	0	1	0	.	
7	-7.0	5.7	-2.2	-1.2	3.8	626.3	625.0	624.4	86	50	75	SW 0	S 2	W 1	0	1	5	.	
8	-1.4	3.2	-3.2	-0.5	4.4	622.4	621.0	621.3	79	65	79	N 0	SW 2	NW 2	9	10	10	1.6	
9	-6.8	-4.1	-8.5	-6.5	-1.7	623.7	625.6	628.1	79	47	69	NW 2	N 2	W 1	10*	2	0	.	✳ n–I
10	-15.4	1.6	1.2	-4.2	0.4	628.8	628.1	628.9	75	44	66	SW 1	NE 1	NE 0	10	9	5	.	
11	-4.0	8.2	-1.7	0.8	5.3	628.4	627.8	627.5	87	49	72	NE 0	W 1	W 1	2	2	0	.	
12	-5.9	6.9	-4.2	-1.1	3.3	627.2	626.7	626.1	90	**38**	63	SW 0	N 1	W 1	1	5	6	.	
13	-6.2	5.6	0.2	-0.1	4.1	624.3	623.0	623.5	80	44	74	SW 0	S 1	— 0	4	3	6	.	
14	-7.7	6.5	-1.0	-0.7	3.4	624.9	624.2	624.9	85	51	76	S 0	S 0	NE 1	2	0	0	.	
15	-7.0	6.2	2.0	0.4	4.4	624.8	624.0	625.4	94	55	75	E 1	SE 1	W 1	2	9	7	.	
16	-6.2	3.8	-2.0	-1.5	2.3	625.3	624.2	623.4	94	69	85	S 0	SW 2	W 1	0	4	2	.	
17	0.1	3.0	-0.4	0.9	4.6	620.4	618.1	614.2	81	70	90	SW 2	S 2	N 3	9	8	10*	16.0	✳ ⌿ III–n
18	-3.7	-4.8	-13.8	-7.4	-3.8	**607.3**	609.3	611.7	81	70	75	W 4	N 1	N 1	10*	10	0	14.5	⌿ I, a ✳
19	-16.8	-1.0	-3.8	-7.2	-3.8	612.3	612.4	615.2	77	55	65	N 1	SW 2	NW 3	7	4	3	.	⌿ III
20	-3.2	4.2	1.6	0.9	4.2	617.1	618.5	619.5	80	53	90	NW 1	S 2	S 2	9	8	10	.	
21	2.6	3.4	1.2	2.4	5.5	619.7	620.6	621.9	90	73	94	SW 2	S 2	— 0	10	10●	9	1.6	● II
22	1.0	5.0	1.8	2.6	5.6	621.3	620.7	618.7	99	70	93	N 0	SW 2	NE 1	10*	10	10●	7.1	✳ I, ● ✳ III–n
23	1.4	7.2	0.5	3.1	5.9	616.3	614.2	613.3	95	64	98	SW 0	W 0	— 0	10	10●	10*	**18.8**	●° II, ✳ III–n
24	0.2	0.6	-2.2	-0.5	2.2	610.2	615.6	619.0	90	67	81	NW 3	NE 0	NE 2	10*	10	10	5.5	⌿ I, a ✳
25	-4.4	4.4	-2.4	-0.8	1.8	621.2	622.2	622.7	89	45	80	SW 0	S 0	W 1	9	7	6	.	
26	-3.0	**8.6**	2.0	2.5	4.9	622.2	619.1	617.7	90	50	91	SE 0	N 2	W 1	10	7	10	0.2	●° III
27	-1.2	4.5	-2.0	0.4	2.7	615.8	614.9	615.2	91	54	75	NE 0	S 2	W 1	4	1	5	.	
28	-7.6	4.7	-2.0	-1.6	0.5	615.1	616.4	619.2	85	49	82	S 0	SW 2	NE 1	2	3	3	.	
29	-3.4	5.8	1.4	1.3	3.3	620.1	620.9	622.4	78	56	79	SW 0	S 2	W 1	7	9	10	.	
30	0.8	7.9	3.4	4.0	5.8	621.4	621.3	621.3	77	45	60	SW 0	S 1	W 2	8	8	3	.	
31	3.6	7.0	2.8	4.5	6.2	620.4	619.8	619.4	81	66	90	S 0	NW 0	W 1	10	10	10●	16.0	a ●°, ● ✳ III–n
																		Summe	
Mittel	-5.5	3.7	-2.3	-1.4	—	621.3	621.2	621.9	84	55	76				5.9	5.4	4.9	81.3	

März 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$,
$Hb = 540^m$, $G = 0.00\,^m/_m$.

1	2.4	7.4	2.0	3.9	0.4	716.7	716.4	717.0	65	39	85	SE 0	SW 0–1	W 0	9	4	0	.	
2	**-2.6**	5.9	1.4	1.6	-2.1	719.4	719.6	722.4	100	51	75	E 0–1	S 1–2	E 0	0	0	0	.	⌊⌊ I
3	-1.7	7.0	3.4	2.9	-0.9	723.3	722.6	723.3	90	44	55	E 0–1	SW 0–1	E 0	3	0	0	.	⌊⌊ I
4	1.6	9.8	6.2	5.9	1.9	723.2	722.4	722.8	74	38	65	S 1	W 1–2	NE 0–1	10	4	3	.	
5	1.7	11.6	6.8	6.7	2.6	724.7	724.0	725.4	83	40	63	E 0–1	S 0–1	NE 0–1	0	0	0	.	⌊⌊ I
6	1.7	11.8	7.0	6.8	2.6	726.1	723.2	723.5	79	33	60	E 0–1	SE 0	NE 0	0	0	0	.	⌊⌊ I
7	2.2	12.6	7.6	7.5	3.1	723.4	720.8	719.0	82	39	56	ESE 0–1	S 1	NE 0–1	0	0	0	.	
8	2.8	10.1	2.4	5.1	0.6	718.3	717.0	721.7	77	49	92	E 0–1	SW 1–2	SW 1–2	8	10	10	.	⌿ 4p–p
9	1.2	6.5	1.4	3.0	-1.7	719.8	725.3	725.9	72	42	64	SW 0–1	SW 1–2	NE 0	10	0	0	.	
10	**-2.6**	8.0	4.6	3.3	-1.5	**729.2**	727.3	727.1	78	39	50	NE 0	SW 0–1	N 0	5	7	0	.	⌊⌊ I
11	0.2	13.0	7.2	6.8	1.9	726.6	722.8	722.4	74	38	66	NE 0	S 0	NE 0	0	0	0	.	⌊⌊ I
12	1.6	16.0	9.2	8.9	3.8	723.5	720.8	718.4	97	36	64	NE 0	S 0	NE 0	0	3	2	.	⌊⌊ I
13	5.4	16.8	8.7	10.3	5.1	718.5	717.2	717.5	55	34	63	NE 0	SSW 0	N 0	7	3	0	.	
14	5.5	15.0	9.8	10.1	4.7	721.0	718.5	718.0	84	40	60	NE 0	S 0	NE 0	4	0	0	.	
15	4.6	16.0	8.4	9.7	4.2	720.4	720.0	721.1	85	45	71	SW 0	SW 0–1	SE 0	9	5	0	.	
16	3.2	13.2	8.9	8.4	2.7	722.0	718.5	716.0	95	38	36	NE 0	SE 0	NE 0–1	0	0	0	.	
17	4.4	14.8	10.0	9.7	3.9	715.8	710.5	**706.4**	62	35	48	NE 0–1	SE 0–1	SW 0	0	10	10	6.5	⌿ $2^1/_2$–5p, n ●
18	2.0	8.1	1.2	3.8	-2.2	**706.4**	**706.4**	707.7	97	44	75	WNW 3	SW 2–3	S 0	10	10	0	.	⌿ n–II
19	-0.6	10.2	8.2	5.9	-0.2	709.1	707.6	709.9	68	**25**	56	E 0–1	E 0	NE 0	0	7	8	.	
20	6.2	13.4	10.0	9.9	3.6	713.2	713.0	714.6	85	69	100	S 0	SW 0–1	S 0	10	10	10●	7.3	p ●°, ● 9p–n
21	7.6	10.0	7.9	8.5	2.1	713.0	713.6	715.9	98	94	100	NE 0	S 0	E 0	10	10●	10	11.2	●
22	5.8	16.4	14.4	12.2	5.6	714.3	710.8	708.9	82	38	35	E 0	SW 0	E 0	1	2	10	.	p ⌿
23	7.8	10.7	6.4	8.3	1.6	709.1	708.0	706.8	77	60	86	SW 1–2	SW 1–2	SW 0	3	10	10	4.5	● 4p–n
24	3.3	10.0	6.2	6.5	-0.4	708.9	711.8	709.4	97	52	75	SW 0–1	SW 1–2	SW 0	10	9	10	.	
25	5.2	12.4	9.4	9.0	2.0	716.7	716.3	715.1	94	38	43	SW 0–1	S 0	N 0	10	7	6	.	
26	7.0	14.9	10.2	10.7	3.5	713.8	709.5	707.8	56	34	53	NE 0	NE 4–5	NE 0	10	9	0	.	⌿ 0–7p
27	4.7	14.0	7.0	8.6	1.3	710.9	709.5	708.0	90	36	52	NE 0	SW 1–2	N 0	7	7	0	.	
28	3.8	15.2	11.3	10.1	2.6	708.2	708.0	709.6	61	29	38	NE 0–1	SE 0	E 0	0	0	0	.	
29	9.2	16.6	9.6	11.8	4.2	710.8	712.3	712.8	52	34	45	NE 0	NE 4–5	SW 0	10	9	9	.	⌿ II
30	12.2	18.8	16.1	15.7	7.9	713.0	712.4	712.5	42	26	32	E 0	NE 2	NE 3–4	10	5	0	.	⌿ 0p–n
31	13.4	16.6	10.2	13.4	5.5	711.1	710.2	712.4	43	38	80	S 1	NE 4–5	W 0	2	4	10	**24.9**	⌿ $0^1/_2$–$5^1/_2$, 9^a–p, n ●²
																		Summe	
Mittel	3.9	12.3	7.5	7.9	—	717.1	716.0	716.1	77	42	63				5.1	4.7	3.5	54.4	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$H_b = 276.2^m$, $G = 0.03\,^m/_m$.

Lugano.

März 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	0.6	13.8	5.4	6.6	1.6	737.2	737.2	739.0	73	**15**	40	SW o	NNE 1	N o	o	o	o	.	⌊ I
2	1.8	4.6	−0.4	2.0	−3.1	744.0	744.6	745.8	57	49	70	SW o	S o	N o	10	o	o	.	
3	**−3.2**	7.2	1.0	1.7	−3.5	748.2	747.9	747.5	96	40	65	N o	E o	N o	o	o	o	.	⌊ I
4	−0.8	8.4	3.8	3.8	−1.6	746.6	745.1	746.9	77	55	78	N o	E o	N o	10	8	8	.	⌊ I
5	−0.4	10.2	4.6	4.8	−0.7	746.2	746.9	748.1	88	68	78	NW o	SE o	N o	o	o	o	.	⌊ I
6	0.8	10.6	6.8	6.1	0.5	749.4	748.5	748.1	86	71	77	N o	NW o	N o	o	o	o	.	⌊ I
7	1.8	12.6	9.2	7.9	2.1	746.8	745.3	744.8	94	75	82	N o	S o	N o	6≡	o	8≡	.	≡ I, III
8	6.6	13.0	8.6	9.4	3.5	743.2	742.4	741.8	88	65	89	N o	SE o	NW o	10≡	6	10●	9.8	≡ I, ● $9^1/_4$–$10^1/_4$p, ⌿ 10p–
9	7.0	10.4	7.0	8.1	2.1	742.0	744.9	747.3	16	**15**	36	NNE 2	NNE 2	NNE 1	10	o	o	.	⌿ n–6p [n
10	0.2	10.2	4.8	5.1	−1.0	**751.3**	751.0	749.5	61	60	63	N o	E o	N o	1	o	o	.	≡° I
11	0.6	11.6	6.2	6.1	−0.2	747.7	747.5	747.5	80	62	86	N o	E o	NNE o	o	o	o	.	
12	1.8	11.4	7.4	6.9	0.5	745.5	745.0	745.3	86	71	95	N o	S o	N o	o	2	o	.	
13	2.6	13.8	8.0	8.1	1.5	744.6	743.0	743.2	86	57	66	N o	S o	N o	8	3	10	.	≡°
14	2.6	13.2	8.6	8.1	1.4	744.3	744.2	744.7	86	63	74	N o	S o	N o	o	o	o	.	
15	6.2	12.2	6.2	8.2	1.4	744.9	744.5	744.9	94	80	97	N o	SW o	N o	10	10	o	.	≡° n–II
16	6.0	8.2	7.6	7.3	0.3	746.0	745.8	744.5	90	99	97	N o	N o	N o	10≡	10≡●	10≡	.	≡, ●° $0^1/_2$–$1^1/_2$p
17	6.8	9.0	8.2	8.0	0.9	741.4	739.3	734.5	98	95	95	SW o	S o	NW o	10≡	10≡	10	19.4	≡ n–II, ● $7^3/_4$-$8^3/_4$a, ●°, ⌿
18	8.0	9.6	7.0	8.2	1.0	**724.4**	726.3	729.3	96	34	37	SSE 2	NNE 2	NNE 2	10●	8	o	11.2	● 6–$10^3/_4$a, ⌿ [10p–n
19	1.0	9.0	5.0	5.0	−2.4	732.5	733.0	734.5	63	54	69	N o	S o	N o	o	3	o	.	
20	3.6	9.2	7.2	6.7	−0.8	737.2	737.8	739.3	70	68	97	N o	S o	N o	2	10	10	4.2	n ($^{20}/_{21}$) ●
21	6.6	7.4	7.2	7.1	−0.5	740.4	741.0	741.3	97	94	97	NE o	W o	NW o	10≡	10●	10●	21.6	≡ I, ● $8^1/_2$a–n, ≡° III
22	7.8	8.0	7.0	7.6	−0.2	741.0	740.7	738.3	97	97	96	NW o	S o	NW o	10≡●	10≡●	10≡●	**50.6**	a ●, ≡, p n ●^{2}
23	7.2	8.2	6.8	7.4	−0.5	735.5	733.5	732.3	97	95	98	NW o	N o	NW o	10≡●	10≡●	10≡●	43.2	●^{2} ≡
24	6.0	10.2	8.6	8.3	0.2	728.7	731.7	737.7	96	81	89	NW o	SE o	SE o	10≡●	9	10	14.5	●^{2} ≡ n–$8^1/_2$a, n ●
25	6.6	13.2	10.0	9.9	1.7	742.1	742.5	742.6	91	75	72	N o	SW o	N o	9	4	10	.	n ($^{25}/_{26}$) ●°
26	7.6	10.6	7.4	8.5	0.2	741.8	739.5	737.1	89	73	95	N o	SW o	S o	10	10	10●	18.5	● $2^1/_2$p–n
27	7.2	12.4	9.0	9.5	1.0	735.1	733.6	733.0	97	76	91	S o	S o	N o	10	2	10	.	
28	7.0	11.8	7.8	8.9	0.3	734.0	736.5	738.5	91	87	81	N o	N o	N o	2	10	4	.	
29	7.4	15.4	10.0	10.9	2.2	740.0	740.9	741.5	84	58	84	NW o	S o	N o	9	6	10	.	
30	6.8	**17.0**	13.2	12.3	3.4	742.0	741.3	741.4	84	57	80	N o	S o	S o	o	2	10	.	n ($^{30}/_{31}$) ●°
31	9.8	11.6	8.4	9.9	0.9	741.5	740.3	739.0	94	87	96	SW o	SW o	SW o	10	10	10●	28.9	● 8–$10^1/_2$a, ●^{2} 3p–n
																		Summe	
Mittel	4.3	10.8	7.0	7.4	—	741.5	741.3	741.6	84	67	80				6.0	4.9	5.5	221.9	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$H_b = 277.2^m$, $G = 0.13\,^m/_m$.

Basel.

März 1913.
Bernoullianum.

1	0.2	3.4	0.0	1.2	−2.3	743.2	743.5	743.4	89	67	78	NW o	N o	E o	10	7	o	.	⊁° 9, $10^1/_2$a
2	**−1.6**	4.8	2.2	1.8	−1.8	743.0	743.9	746.3	80	56	82	E o	W 1	S o	2	8	7	.	⌊ I
3	1.0	8.6	3.7	4.4	0.7	746.8	745.8	745.4	85	58	85	SE o	E 1	S o	7	2	2	.	
4	4.6	11.4	6.0	7.3	3.4	745.3	746.1	745.6	84	48	82	SE o	W o	SW o	10	10	2	.	
5	3.3	10.4	7.1	6.9	2.9	746.9	748.5	748.5	85	58	78	SE 1	W 1	E o	8	8	8	.	
6	3.0	13.2	7.2	7.8	3.7	748.5	746.7	745.7	90	50	83	SE 1	N o	S o	7	2	o	.	
7	3.4	15.8	8.0	9.1	4.9	744.8	742.8	740.8	90	43	86	SE o	W 1	S o	7	5	1	0.1	n ($^7/_8$) ●°
8	6.0	7.9	1.6	5.2	0.8	738.5	740.9	747.3	88	83	93	S o	SW 1	NE 2	10	10	10	2.7	●° ⌿ $9^1/_2$a, ● $11^1/_2$a–5p, ⊠
9	1.4	5.3	0.9	2.5	−2.0	750.8	751.8	**753.0**	85	57	80	N o	N 1	S o	9	5	o	.	[⊁ ⌿ 9–$10^1/_2$p
10	−0.4	7.9	5.4	4.3	−0.3	752.7	750.8	750.5	92	46	75	E 1	SW 1	S o	10	7	o	.	
11	1.4	12.3	8.6	7.4	2.7	749.2	746.4	746.2	82	41	72	SE 1	NE o	W o	2	5	o	.	
12	3.2	13.6	8.6	8.5	3.6	747.7	745.1	741.2	90	41	61	SE 1	E 1	E o	6	5	1	.	
13	4.4	12.6	10.4	9.1	4.1	740.3	740.6	741.8	77	55	70	SE 1	E o	SW o	6	10	10	.	
14	9.0	13.6	9.0	10.5	5.4	743.3	742.3	741.8	79	54	77	SE o	W 1	SW o	8	4	2	.	
15	5.6	10.2	5.8	7.2	1.9	742.7	744.6	747.6	88	72	67	E o	NW 2	SW 1	10	8	o	.	●° $0^1/_2$a
16	1.0	12.3	6.6	6.6	1.2	743.8	741.3	740.1	81	41	74	SE o	W 1	NW 1	o	o	o	.	
17	2.0	17.6	2.0	7.2	1.7	734.9	728.8	729.4	82	**21**	93	E 1	SW 3	SW 1	o	6	10⊁●	**15.6**	● $3^3/_4$–$9^1/_2$p, ● ⊁-$5^1/_2$a, ⌿
18	2.2	5.3	1.3	2.9	−2.8	730.2	730.8	731.9	86	65	83	W 1	SW 1	SE 1	10	4	o	0.2	●° ⊁° $11^1/_2$a [II
19	0.0	9.2	12.2	7.1	1.3	730.3	**727.5**	728.9	89	29	55	SE 1	SW o	W 3	o	10	10	0.2	⌊ I, ⌿ III [$11^1/_4$–$11^1/_2$p
20	10.4	11.6	11.2	11.1	5.2	732.9	733.3	732.7	75	80	87	NW 1	SE 1	SE o	10	10	10	5.9	a ●°, ● $2^3/_4$–$3^1/_4$, $7^1/_2$–$7^3/_4$,
21	9.6	10.2	10.2	10.0	3.9	735.2	736.7	736.7	95	86	93	S o	SE o	E o	10	10●	9	3.8	● $1^1/_4$–$11^3/_4$a, II, $8^1/_4$p–$0^1/_2$a
22	9.6	16.8	13.8	13.4	7.2	735.7	732.5	730.2	89	57	80	E 1	SE 1	SE 1	8	6	10●	12.8	● 6–9a, 11p–$2^3/_4$a, ●° *)
23	6.4	9.4	7.1	7.6	1.3	734.0	732.4	731.7	82	64	93	SW o	E o	N o	10●	8	10●	13.4	● $3^3/_4$–$8^1/_4$a, 8p–n, ●° $3^1/_4$p
24	5.2	7.0	6.4	6.2	−0.3	733.9	736.8	739.6	94	80	88	S o	SW 1	E o	10●	10●	5	2.5	● n–$3^1/_4$p
25	3.2	9.6	7.6	6.8	0.2	741.6	741.6	739.7	93	62	77	S o	E 1	E o	7	9	4	.	
26	1.8	8.8	8.8	6.5	−0.2	737.1	732.8	731.6	100	79	86	S o	N 1	W o	10≡	10	10	.	≡ n–11a, ●° ⊁° $0^1/_4$p
27	7.3	10.3	6.6	8.1	1.3	733.9	733.9	732.3	87	69	80	SE o	W 1	S o	5	8	1	0.3	●° $0^1/_4$–$1^1/_4$p
28	5.0	14.6	10.3	10.0	3.0	730.1	730.4	731.4	78	43	62	E 1	SE o	S o	5	3	o	.	
29	7.8	14.4	12.6	11.6	4.5	730.6	731.9	733.2	72	52	70	SE o	S 1	S o	9	9	10	.	
30	9.0	17.6	11.2	12.6	5.4	733.1	732.8	732.0	86	53	80	SW o	SW o	S o	10	10	2	.	
31	7.6	**17.8**	12.0	12.5	5.2	730.9	732.0	734.9	81	51	78	S o	NW 1	W o	8	5	10	4.5	●° $5^1/_2$–$6^1/_4$p
																		Summe	
Mittel	4.3	11.1	7.2	7.5	—	739.7	739.2	739.4	86	57	79				7.2	6.9	4.6	62.0	

*) **22.** $6^1/_4$, 9–10p

März 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$H_b = 2500.1^m$, $G = -0.16\,{}^m/_m$.

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	-11.8	-11.8	-10.6	-11.4	-2.9	559.7	560.3	560.9	100	41	42	WNW o	N 1	N 2	9	o	1	0.2	✳° n-8ª
2	-8.5	-7.1	-10.6	-8.7	-0.2	560.9	562.8	564.2	**33**	42	56	NNE 3	W 1	WSW 4	1	3	2	.	☩ 4ᵖ-n, ⸝ III
3	-10.3	-8.0	-6.6	-8.3	0.1	564.6	565.3	565.9	95	88	45	WSW 3	SW 3	WSW 4	4	4	3	1.4	p n ⸝, ☩ 8ᵖ-n
4	-7.8	-5.7	-4.6	-6.0	2.4	564.8	566.4	567.0	100	70	75	WSW 5	W 4	WSW 4	10≡*	6	3	.	≡ ✳° n-8ª, a ⸝, ☩ n-
5	-4.4	-3.0	-3.6	-3.7	4.6	567.3	569.0	570.0	61	65	75	WSW 5	WSW 4	SW 3	2	1	0	.	⸝ I, ⸝ [3ᵖ, p n
6	-2.9	0.0	-2.3	-1.7	6.6	569.8	569.6	568.9	50	49	57	WSW 4	WSW 3	SW 2	1	2	3	.	⸝ a, $4^{1}/_{2}{}^{p}$
7	-4.8	-3.1	-4.1	-4.0	4.2	566.5	566.7	565.1	100	78	73	WSW 4	WSW 3	SW 2	9	3	1	.	a ⸝, ⸝ $4^{1}/_{2}{}^{p}$
8	-5.7	-4.9	-12.9	-7.8	0.4	562.3	561.5	563.1	83	100	100	WSW 4	SW 4	NW 1	7	10≡*	10≡*	21.2	✳° 9-9³/₄ª, ⸝ n-p, *)
9	-14.8	-13.3	**-15.4**	-14.5	-6.4	564.8	566.1	568.1	100	100	100	NNW 1	N 1	N 1	10≡*	10≡*	10≡*	**36.2**	✳² n-2¹/₂, 7ᵖ-n, ≡
10	-8.0	-3.6	-4.9	-5.5	2.6	568.7	569.7	**570.6**	47	93	58	NNW 2	WSW 2	WSW 3	9	10	9	9.6	⸝ $10^{1}/_{2}{}^{a}$, ☩ 4ᵖ-n, n ✳
11	-4.2	-1.0	-2.8	-2.7	5.3	569.3	569.5	568.9	75	80	74	WSW 4	SW 4	WSW 4	9	3	2	.	☩ n-10ª, ⸝
12	-5.3	-3.1	-1.8	-3.4	4.5	568.3	568.6	566.1	47	50	45	WNW 3	ESE 1	NE 2	1	6	1	.	
13	-2.4	-1.4	-3.9	-2.6	5.3	564.6	564.8	565.1	61	75	91	WSW 1	WSW 3	WSW 4	7	9	3	0.2	⸝ III-n
14	-3.9	-1.8	-2.2	-2.6	5.2	565.6	566.0	565.8	100	87	77	WSW 4	SW 3	WSW 3	10≡	4	1	.	≡ $7^{1}/_{2}$-10ª, a ⸝ [$5^{1}/_{2}{}^{p}$
15	-4.0	-3.5	-7.4	-5.0	2.8	565.1	564.9	567.0	100	100	96	WSW 4	WSW 4	WNW 1	10≡	10≡	10≡	0.9	⸝ n-II, ≡, ⋁ 9ª-n, △°
16	-7.2	-3.0	-5.5	-5.2	2.5	564.7	564.5	563.3	68	77	78	WSW 2	WSW 2	W 3	1	2	2	.	⸝ $4^{1}/_{2}{}^{p}$
17	-5.4	-3.0	-5.1	-4.5	3.1	559.9	557.5	553.6	73	69	79	WSW 4	SW 4	SW 5	2	6	7	13.0	⸝ n-$4^{1}/_{2}{}^{p}$, ⸝-n
18	-11.9	-11.4	-14.8	-12.7	-5.2	**550.4**	551.0	551.9	100	100	75	NNW 1	W 1	SW 1	10≡*	10≡*	1	9.8	✳ n-5¹/₄ᵖ, ≡ n-6¹/₄ᵖ
19	-12.6	-9.2	-4.5	-8.8	-1.3	551.5	551.9	553.4	70	77	100	SW 4	WSW 5	WSW 5	7	9	10≡*	7.3	a ⸝, p n ⸝, ☩², ≡ ✳ *)
20	-3.5	-1.2	-2.2	-2.3	5.1	557.3	559.9	560.5	100	90	95	WSW 4	WSW 3	WSW 2	10≡*	10*	9	17.6	⸝ I, a ☩², ≡ ✳ n- *)
21	-2.3	-1.3	-2.9	-2.2	5.1	560.5	561.6	562.6	96	97	90	SSW 1	SSW 3	SW 1	10*	10≡*	9	7.4	✳ ☩ ≡ $7^{1}/_{2}{}^{a}$-8ᵖ, ⋁
22	-2.6	-0.8	-1.0	-1.5	5.7	561.8	561.0	559.2	87	87	82	SW 3	WSW 4	SSW 4	2	2	9	.	a ☩, p n ⸝, ☩° 8ᵖ-n
23	-2.6	0.2	-3.0	-1.8	5.3	557.9	556.7	555.3	90	95	98	SSW 3	ESE 3	SSE 2	7	9	10≡*	8.7	≡ a, 3ᵖ-n, ✳ 2ᵖ-n, *)
24	-8.6	-6.9	-8.1	-7.9	-0.9	554.5	557.6	560.4	100	100	100	ENE 3	NE 1	E o	10≡*	10≡*	10≡	7.8	☩ n-2ᵖ, ✳ n-6ᵖ, ⋁ ≡
25	-6.5	-4.8	-6.0	-5.8	1.2	561.6	563.0	562.3	95	88	81	S 2	S 3	S 4	2	3	7	.	a ☩, ⸝ III, ☩² 7ᵖ-n
26	-2.8	-0.7	-1.2	-1.6	5.3	562.1	560.0	558.2	82	80	87	SSW 3	S 3	SSE 3	7	9	3	6.1	☩° ⸝ n-8ᵖ
27	-4.9	-5.0	-7.1	-5.7	1.1	557.8	557.0	556.6	98	100	97	ESE 1	WSW 3	SW 1	10≡*△	10≡*	3	4.6	△ n-8ª, ✳ n-5³/₄ᵖ, ≡ n-
28	-5.8	-2.3	-2.8	-3.6	3.1	555.5	557.2	559.6	86	85	83	SW 1	SSE 2	S 1	2	3	1	.	[$6^{1}/_{4}{}^{p}$, ⋁, ☩ $0^{1}/_{2}$-8ᵖ
29	0.2	**2.2**	1.1	1.2	7.8	559.1	561.3	562.4	73	73	74	SSW 5	SSW 2	SW 4	9	9	9	.	☩ ⸝ n-9ª, ⸝ a, III-n
30	0.6	1.6	-0.8	0.5	7.0	562.3	563.1	561.3	60	58	68	S 3	SSW 3	S 4	8	9	6	.	⸝
31	0.4	2.0	-0.8	0.5	6.8	560.5	560.3	560.9	85	85	90	E 5	SSW 5	S 1	8	7	3	.	⸝ n-I, II, ⸝ n-6ᵖ
																		Summe	
Mittel	-5.6	-3.7	-5.1	-4.8	—	561.9	562.4	562.5	81	80	79				6.6	6.4	5.1	152.0	*) **8.** ✳ ≡ o³/₄ᵖ-n, ☩ 6ᵖ-n

[*) **19.** ⋁ $7^{1}/_{4}{}^{p}$-n *) **20.** $4^{3}/_{4}{}^{p}$, ⋁, p ☩ *) **23.** ☩ 8ᵖ-n

März 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$H_b = 2102.9^m$, $G = -0.14\,{}^m/_m$.

1	-9.0	-8.3	-8.9	-8.7	-2.1	588.7	589.6	590.0	95	94	90	N 2-3	N 2	N 2	10≡	4	5	.	⸝ ≡² I
2	-6.1	-4.4	-6.7	-5.7	0.9	590.3	591.5	592.7	**19**	27	30	N 2	N 2	N 2	0	1	1	.	
3	-8.2	-5.1	-3.8	-5.7	0.8	593.9	594.8	595.4	46	40	21	N 2	N 2	N 2	1	1	2	.	
4	-3.2	-3.4	-1.9	-2.8	3.6	595.2	595.7	596.3	21	70	40	N 1	N 2	N 2	5	5	9	.	
5	-1.9	2.2	-1.6	-0.4	6.0	596.7	598.2	599.3	35	29	39	N 2	N 2	N 1-2	0	0	0	.	
6	-0.3	5.1	-1.4	1.1	7.4	**599.4**	599.1	598.4	33	28	70	N 0	NNE 1	NNE 1	0	0	2	.	
7	-1.6	4.8	-2.2	-0.3	5.9	596.6	596.1	594.6	44	30	80	E 0	S 1	S 1	3	3	10≡	.	≡² III-n
8	-2.8	-1.4	-10.2	-4.8	1.3	592.7	591.9	591.5	95	96	90	S 1	SSE 1	N 6	10≡	10*	10*	15.0	≡² I, ✳ 1¹/₂-n, ☩² ⸝
9	-12.4	-10.4	-9.2	-10.7	-4.6	592.8	595.0	596.3	84	86	85	N 5	N 4	N 4	10≡	3	3	.	≡ ⸝ I, ⸝ [III-n
10	-7.6	-1.8	-3.2	-4.2	1.8	597.7	598.6	599.2	75	32	40	N 3-4	N 3	N 2	7	3	1	.	⸝ n-p
11	1.1	3.8	-1.5	1.1	7.0	599.0	**599.4**	598.0	41	39	60	N 1	N o	N 1	2	6	2	.	
12	-3.0	2.0	-0.5	-0.5	5.4	597.2	597.2	596.0	78	40	40	N 2	N 1	S 2	1	10	5	.	
13	-0.9	4.4	-2.0	0.5	6.3	594.4	594.0	594.7	40	32	40	SE 1	S 1	S 1	9	7	3	.	
14	-2.2	**5.4**	-1.0	0.7	6.4	595.0	595.2	595.5	57	36	100	N o	S o	S o	1	1	10≡	.	≡² III-n
15	-2.2	2.3	-2.8	-0.9	4.7	595.0	595.3	596.4	97	53	81	S o	S o	N 1	8≡	5	10≡	.	≡ I, ≡² 7ᵖ-n
16	-5.0	-1.9	-2.8	-3.2	2.3	595.4	594.7	593.7	80	97	76	S 1	S 1	SE 1	9	10≡	10≡	.	≡² II, p n ≡
17	-3.7	-2.6	-7.3	-4.5	1.0	590.5	588.6	585.7	94	97	95	SE 2	S 2	S 2	10≡	10*	10*	**54.1**	≡ I, ☩ ✳² 9ª-n
18	-8.4	-8.5	**-12.6**	-9.8	-4.4	**578.9**	579.3	581.3	95	91	85	NNE 3	N 4	N 2	10*	10*	4	15.4	✳ ☩ ⸝ n-3ᵖ
19	-10.0	-4.3	-7.6	-7.3	-2.0	581.8	583.2	585.2	67	59	74	SE 2	SE 2	SSE 2	5	4	7	2.5	✳ 5ᵖ
20	-3.3	2.0	-2.6	-1.3	3.9	587.8	589.9	590.3	75	47	97	S 1	S 1	S 1	9	10	10≡	2.6	✳ III, ≡-n
21	-2.8	-0.2	-2.1	-1.7	3.4	590.2	591.0	592.5	98	77	99	S 2	S 2	S 1	10≡	10≡	10≡	3.0	≡², n ✳
22	-2.0	-0.3	-1.6	-1.3	3.7	591.3	591.1	588.9	98	94	98	S 1	S 2	S 2	10≡	10≡	10≡	13.0	≡², ☩ ✳ 3ᵖ-p
23	-2.6	1.8	-2.2	-1.0	3.9	586.9	585.4	583.7	97	59	100	S 2	S 1	S 1	10≡	10*	10*	32.1	≡² I, ✳² 9ª-n [≡² III
24	-6.4	-4.6	-5.7	-5.6	-0.8	582.6	586.3	589.5	95	95	94	N 5	N 3-4	NE 1	10*	10≡*	10≡	15.2	⸝ I, ☩ ✳ ⸝ n-II, p ≡,
25	-4.6	-2.2	-3.2	-3.3	1.4	590.6	592.4	593.0	95	85	70	S 1	SE 3	SSE 2	10*	9	10*	2.1	✳ I, ⸝ II, ☩° ✳ 9ᵖ-n
26	-3.7	-0.2	-2.7	-2.2	2.4	592.3	590.6	587.7	89	69	98	SSE 2	SE 2	S 1	10	10≡	10*	16.1	≡ II, ☩° ✳ 1¹/₂ᵖ-n
27	-3.0	-0.1	-3.5	-2.2	2.3	586.5	586.2	585.7	98	52	88	S 1	NNW o	N o	10≡	7	1	.	≡ I
28	-3.2	-0.5	-2.4	-2.0	2.4	585.0	587.0	589.5	91	73	91	SE 2	SE 3	SE 2	10≡	10≡	10≡	.	≡, ⸝ II
29	-2.0	0.0	-0.8	-0.9	3.4	589.9	591.9	593.0	75	70	72	SE 3	S 1	SSE 1	10	10	10	.	⸝ I
30	0.0	3.2	0.2	1.1	5.3	592.3	592.5	592.1	50	40	60	SE 2	SE 2	SE 2	9	10	10	.	
31	-0.5	-0.2	-2.4	-1.0	3.1	590.9	590.2	589.5	87	90	100	SE 2	SE 2	SE 2	10	10≡*	10*	33.1	✳² 9ª-n, ≡ II
																		Summe	
Mittel	-3.9	-0.7	-3.8	-2.8	—	591.5	591.9	592.1	72	62	74				7.1	6.7	6.9	204.2	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

April 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}		1^{30}		9^{30}		7^{30}	1^{30}	9^{30}		
1	2.8	3.6	4.0	3.5	−2.7	712.0	712.7	713.9	97	98	94	S	o	SE	1	SE	o	10●	10	10	6.6	● n–$1^1/_4$p
2	3.1	7.1	2.6	4.3	−2.0	**716.2**	715.3	713.8	93	54	92	SW	o	N	1	NE	1	10	10	7	0.2	●° $4^8/_4$–5p
3	3.0	10.1	5.1	6.1	−0.4	709.5	707.7	707.2	95	49	87	E	o	NE	o	NE	o	4	2	1	.	
4	0.9	12.4	8.0	7.1	0.5	705.3	703.7	700.3	99	54	63	E	o	NE	1	N	1	8≡	3	2	.	≡ ⌴ I
5	5.5	13.6	9.0	9.4	2.7	700.3	701.6	702.1	76	36	68	W	1	NE	1	NE	1	10	3	1	.	
6	5.0	14.3	7.3	8.9	2.0	702.3	701.3	702.9	98	**30**	75	E	o	SW	o	SW	o	4	3	4	.	
7	4.7	10.5	7.3	7.5	0.5	701.0	699.8	701.2	91	53	84	SW	o	SW	1	SE	o	10	9	7	.	
8	6.2	6.2	3.6	5.3	−1.8	703.5	705.3	706.6	92	84	95	NE	1	NE	1	NE	1	10	10	10	.	
9	1.8	6.6	3.1	3.8	−3.5	706.9	708.2	710.9	92	60	89	NNE	1	NE	1	NE	1	10	9	10	.	
10	2.2	8.9	3.1	4.7	−2.7	711.1	709.6	709.6	89	40	89	NE	1	W	1	SW	1	3	8	10●	3.5	● 9p–n
11	3.2	7.2	3.0	4.5	−3.1	708.6	708.6	706.1	95	52	92	SW	1	SW	1	SW	o	10●	9	10●	10.9	● n–$11^1/_2$a, $8^1/_4$p–n
12	4.2	4.2	−3.6	1.6	−6.1	**696.6**	698.3	706.9	89	76	93	SW	2	W	1	NE	1	10●	10●	9*	9.0	⛈ I, ● △ n–$o^1/_4$p, ● *) ☒
13	−4.6	0.5	−3.1	−2.4	−5.5	708.5	709.4	711.6	91	70	89	NE	o	SE	1	NE	1	3	7	2	1.5	☩ ✳ $8^1/_4$a–p ☒
14	**−4.7**	2.4	−1.3	−1.2	−9.2	713.0	713.1	713.8	78	41	70	SE	1	E	2	NE	o	1	5	1	.	a ⌴, ⛈ II
15	−2.1	5.7	0.5	1.4	−6.7	713.1	712.4	712.9	74	**30**	65	SE	o	NE	1	NE	o	1	3	2	.	a ⌴
16	−0.4	11.0	9.3	6.6	−1.7	711.6	710.0	709.2	74	**30**	38	SE	o	SW	1	SW	2	3	2	9	0.1	a ⌴, ⛈ III
17	7.8	10.6	6.6	8.3	−0.1	706.7	705.4	709.4	83	76	86	SW	o	SW	1	SW	2	10●	10●	10	7.9	● I–$6^1/_2$p, ⛈ III
18	4.1	11.0	7.1	7.4	−1.1	712.0	711.3	712.4	88	41	70	SW	o	SW	2	SW	1	7	7	4	.	⛈ II
19	7.9	8.5	7.6	8.0	−0.7	711.6	710.9	709.8	75	88	96	W	o	W	1	S	o	9	10●	10●	13.4	● $10^1/_4$a–n
20	10.1	11.0	8.6	9.9	1.1	710.0	712.4	714.1	81	81	89	SW	1	SW	2	SW	o	10	9	8	2.8	a ●, ⛈ II
21	6.1	15.5	10.5	7.4	−1.6	713.2	712.4	712.1	96	54	89	W	o	NE	o	N	o	10●	5	2	.	●° n–9a, ⛆ III
22	8.2	17.6	11.2	12.3	3.2	712.9	712.1	711.3	95	52	93	NE	o	NE	1	SE	o	9≡	8	4	0.4	≡ I, ●° $6^8/_4$–$8^1/_2$p
23	8.6	15.6	11.7	12.0	2.8	711.0	710.2	708.9	94	54	89	SE	o	NE	1	NE	o	10≡	7	5	0.6	≡ I, ●° $6^1/_2$–7p
24	10.2	13.7	11.4	11.8	2.4	708.1	707.0	707.0	93	63	86	NE	o	SE	o	SW	o	9	8	8	.	●° 10–11a
25	9.1	15.0	10.6	11.6	2.1	707.0	707.1	707.4	91	60	90	NW	o	SE	1	SW	o	10	9	10●	2.2	● $8^3/_4$–$10^1/_2$a, p n
26	9.8	16.4	11.0	12.7	3.1	708.7	707.0	706.1	95	61	89	SW	o	NE	1	NE	o	10	9	4	.	
27	10.6	21.1	12.2	14.6	4.8	705.7	705.1	708.5	85	45	86	ESE	o	NE	1	SW	o	7	5	5	**14.3**	△ I, ⛉ ● △ $3^1/_4$–$4^1/_4$p
28	12.2	20.0	14.1	15.4	5.5	711.4	711.3	713.0	75	41	82	SE	o	N	o	SW	o	5	3	4	1.2	
29	11.8	21.0	15.8	16.2	6.2	715.1	712.2	712.1	90	54	72	SE	o	NE	1	SE	o	9●	2	9	.	● n–8^a
30	13.0	**21.6**	15.0	16.5	6.3	711.8	709.5	708.1	78	40	78	SE	o	N	o	SE	1	2	2	7	3.8	△ I, ⛉ ● $8^1/_4$–9p
Mittel	5.3	11.1	7.0	7.8	—	708.8	708.4	709.0	88	56	83							7.5	6.6	6.2	Summe 78.4	*) **12.** $1^1/_4$–$1^3/_4$p, ✳–$9^1/_2$p

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

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Observatorium.

1	4.8	7.2	6.2	6.1	−1.6	719.4	720.1	721.5	97	83	80	W	1	E	1	N	1	10●	10	10	2.7	● n–$10^1/_2$a, $3^1/_2$–$4^1/_2$p, ●° 9p
2	4.0	7.0	4.2	5.1	−2.7	**723.7**	722.9	721.2	79	58	82	NE	1	NE	1	NE	1	8	o	8	.	
3	3.8	10.5	7.8	7.4	−0.6	717.0	715.2	714.5	90	53	65	NE	1	SW	1	NE	2	9	2	o	.	
4	4.0	12.0	10.0	8.7	0.6	713.0	711.2	707.5	93	66	57	NE	1	NE	1	N	1	7	2	4	.	≡° I, ⛈ 6–$8^1/_2$p
5	6.7	15.2	7.7	9.9	1.7	707.9	709.0	709.8	73	47	74	NW	o	SW	1	NW	1	10	5	o	.	●° $7^1/_2$a, $3^1/_2$p, ≡° II
6	3.5	14.4	7.6	8.5	0.1	709.8	709.1	710.2	95	51	77	NE	1	S	1	NW	1	6	3	3	.	≡° I
7	6.1	11.5	9.1	8.9	0.4	708.5	707.6	708.4	80	57	73	NW	1	SW	1	NW	1	7	8	10●	0.7	●° $9^1/_2$p–n
8	7.2	8.1	5.5	6.9	−1.8	711.1	712.8	714.3	85	77	77	NE	1	NE	2	NE	2	10	9	10	.	
9	4.0	8.7	4.6	5.8	−3.0	714.6	715.6	718.5	79	51	74	NE	1	NE	2	NE	2	9	8	10	.	
10	3.7	10.1	5.0	6.3	−2.6	718.8	717.3	717.0	72	53	72	NE	1	SW	1	NW	2	4	8	10	0.4	⛈ $6^1/_2$p–n
11	4.3	8.0	3.6	5.3	−3.8	716.4	716.4	713.4	87	54	83	W	1	NW	2	NW	1	10●	9	10●	8.6	●° n–$9^1/_2$a, 9p–n [$4^1/_2$–$8^1/_2$p
12	2.9	2.7	−1.5	1.4	−7.8	**704.9**	706.2	714.5	93	94	71	SW	3	W	2	N	2	10	10	5	7.2	● ✳ n–$7^1/_2$p, ⛈ I, ⛈ ☩ ✳°
13	−1.8	3.0	−2.4	−0.4	−9.7	716.1	717.0	719.4	80	43	87	NE	1	NE	2	NE	1	4	3	8	1.0	p ⛈, ✳ 5p–III ☒
14	**−2.6**	3.6	1.2	0.7	−8.8	720.7	721.1	721.7	87	47	60	E	1	NE	2	NE	2	o	9	8	.	☒
15	−0.6	6.6	3.0	3.0	−6.6	720.8	720.2	720.4	89	**38**	52	NE	1	NE	2	NE	1	3	3	o	.	
16	−0.6	9.7	10.6	6.6	−3.1	719.4	717.6	716.4	89	47	47	NE	1	SW	1	NW	2	7	6	10	0.8	≡° n–II, n ●°
17	7.6	8.7	7.1	7.8	−2.1	714.2	713.1	716.5	86	89	74	SW	2	SW	3	NW	1	10●	10●	10	10.5	●, ⛈ II
18	5.2	9.8	7.1	7.4	−2.6	719.6	719.0	720.1	67	57	81	SW	1	SW	2	NW	1	9	8	10	0.2	●° $8^1/_2$p
19	7.6	7.8	8.6	8.0	−2.1	719.2	718.7	717.2	78	86	97	W	1	SW	2	NW	2	9	10●	10●	**15.5**	● $9^1/_2$a–n
20	8.7	10.9	8.6	9.4	−0.9	717.7	720.2	721.4	96	73	67	W	2	SW	2	NW	1	10●	10	3	1.4	● n–$o^1/_2$p
21	5.6	14.6	11.1	10.4	0.0	720.6	719.8	719.5	95	66	83	E	1	S	1	NE	1	10●	6	5	.	●◞ n–8^a, p ≡°
22	8.8	16.3	11.5	12.2	1.7	720.3	719.8	718.5	89	66	78	E	1	SE	1	N	1	9	8	7	1.5	≡° n–II, ●° $5^1/_2$–6p
23	8.7	14.6	12.4	11.9	1.2	718.6	717.7	716.0	93	56	67	E	o	E	1	N	1	10●	8	5	0.7	● 7–$8^1/_2$a
24	9.8	16.4	11.3	12.5	1.7	715.2	714.6	714.6	92	67	86	NW	o	SE	1	NW	o	10●	6	7	0.5	●° $7^1/_2$–$8^1/_2$a, 3^p
25	8.2	13.6	10.6	10.8	−0.2	714.8	714.5	714.7	90	68	87	SE	1	SW	1	NW	o	9	10	10	1.5	●° $8^1/_2$–10^a, $2^1/_2$–6p, n ●
26	9.8	17.0	12.3	13.0	1.9	716.1	714.6	713.1	97	58	80	NE	1	NE	1	N	o	10	9	4	.	≡° I
27	9.7	20.3	12.2	14.1	2.9	713.1	712.7	715.9	94	56	94	E	1	SW	1	NW	1	8	4	10	2.6	● $6^1/_2$p–III
28	11.6	20.2	14.1	15.3	4.0	718.6	718.6	720.4	94	54	75	SE	1	SW	1	NW	o	7	3	3	.	
29	12.0	22.0	15.4	16.5	5.0	722.4	719.7	719.3	86	72	72	NE	1	E	1	N	o	4	2	o	.	
30	12.7	**22.5**	16.3	17.2	5.6	719.3	717.0	715.4	83	50	72	NE	1	SW	1	N	1	2	4	7	.	⛉ $8^1/_2$–10p
Mittel	5.9	11.8	8.0	8.6	—	716.4	716.0	716.4	87	61	75							7.7	6.4	6.6	Summe 55.8	

April 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m/m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	6.4	2.6	2.8	3.9	−3.5	721.8	723.9	724.3	95	96	100	W 0–1	SE 0	NW 0–1	10●	10*	10●	**30.3**	●², ✳³ $10^{1}/_{2}{}^{a}$–p
2	4.9	7.8	4.7	5.8	−1.7	**726.3**	725.5	723.8	94	53	94	E 0	N 0	NW 0	10	10	10●	1.5	● III
3	4.5	8.6	3.9	5.7	−1.9	719.4	718.1	717.4	98	55	94	NE 0	NE 0	N 0–1	9	3	0	.	
4	3.5	16.0	13.3	10.9	3.1	715.3	715.1	711.4	100	**30**	**30**	N 0–1	SE 3–4	SE 3–4	4	3	0	0.5	⸝ $8^{3}/_{4}{}^{a}$–n, n ●°
5	10.3	15.0	11.2	12.2	4.3	710.8	712.6	712.7	50	**30**	34	SE 2	SE 3	SE 2	10	5	0	.	⸝ $7^{1}/_{4}{}^{a}$–III
6	7.0	13.6	8.2	9.6	1.6	712.0	710.7	712.3	76	46	71	NE 0	NW 1	NW 0	1	3	4	.	
7	7.4	13.2	8.4	9.7	1.5	715.9	714.2	711.4	89	77	99	E 0	W 1	NW 0	9	7	0	0.7	●° $7^{1}/_{2}$–$8^{1}/_{2}{}^{p}$
8	7.8	8.1	6.3	7.4	−0.9	713.7	714.9	716.5	96	74	95	E 0	NW 2	NW 0–1	10	10	10●	1.0	● III
9	5.3	5.4	4.9	5.2	−3.2	717.3	719.1	721.0	90	75	91	NW 0	N 0	NW 0	10●	10	10●	0.7	●° I, III
10	4.8	8.2	5.2	6.1	−2.4	721.1	720.1	718.2	79	55	79	NW 0–1	NW 1–2	NW 1–2	10	5	10●	6.1	≡° I, ● III–n
11	3.8	4.8	3.0	3.9	−4.8	718.0	718.7	716.1	97	80	97	E 0	NW 0	NW 0–1	10●	10	10●	13.1	●, n ✳
12	2.9	5.4	−2.1	2.1	−6.7	**707.6**	709.4	716.3	100	76	100	E 0	W 0	N 3	10●	10	10*	13.7	a ●, ⸝ ✳ $5^{1}/_{2}{}^{p}$–n
13	−2.7	0.2	−3.6	−2.0	−11.0	718.8	719.1	722.1	71	59	85	E 0	NW 2	SW 0	6	10	0	0.3	a ⸝ ✳°
14	**−4.1**	3.4	−0.9	−0.5	−9.6	724.0	723.9	724.3	71	45	71	E 0	SW 2	SE 0	0	4	0	.	
15	−1.8	4.9	0.8	1.3	−7.9	723.7	722.9	723.7	63	34	61	E 0	NW 1–2	SE 0	0	2	0	.	
16	−0.4	9.6	5.8	5.0	−4.4	721.9	720.5	718.9	70	32	63	E 0	N 2	SE 0	0	0	8	0.1	
17	6.9	12.2	6.3	8.5	−1.0	716.4	715.2	719.2	93	47	100	E 0	SE 2–3	SW 0	10●	10	10●	7.9	●° I, ⸝ II, ● III–n
18	6.3	11.0	6.4	7.9	−1.7	721.5	721.2	722.2	99	41	76	E 0	N 0	E 0	10●	5	10	0.4	●° I
19	6.2	11.6	8.2	8.7	−1.0	721.6	720.4	719.9	80	51	100	E 0	N 1	SE 0	10	10	10●	5.5	● $6^{3}/_{4}{}^{p}$–n
20	9.2	12.5	8.8	10.2	0.3	719.9	721.4	724.5	99	75	100	E 0	NW 1	NE 0	10●	10●	10	5.5	● n–p
21	7.3	12.4	10.1	9.9	−0.1	723.1	723.0	722.4	97	55	92	E 0	N 1	NE 0	8	9	9	0.2	n $(^{21}/_{22})$ ●°
22	8.9	16.0	11.7	12.2	2.1	722.7	722.2	720.8	90	55	90	E 0	N 1	NE 0	8	3	2	.	
23	11.9	14.4	10.5	12.3	2.0	721.2	720.7	719.0	91	55	92	E 0	N 1	NW 0	10	9	10	.	●° $11^{1}/_{2}{}^{a}$
24	9.2	16.6	12.8	12.9	2.5	717.2	717.1	716.7	100	51	61	NE 0	N 0	SE 1–2	1	10	4	.	a ⊗⌣
25	11.0	14.9	11.9	12.6	2.1	717.0	716.2	717.1	79	47	77	E 0	NW 1–2	NW 0	10	9	10●	.	●° III
26	10.3	14.8	15.6	13.6	3.0	718.6	718.7	716.6	92	68	39	E 0–1	NW 0–1	SW 1	10	10	3	.	
27	10.9	21.2	16.6	16.2	5.4	715.5	715.2	717.2	89	**30**	**30**	NE 0	SE 2	S 1	7	4	9	.	
28	9.7	20.7	15.7	15.4	4.5	720.5	720.8	722.8	80	44	57	S 0	NW 1–2	SE 0	1	3	4	8.8	● $10^{3}/_{4}{}^{p}$–n, ⊼ $11^{1}/_{2}{}^{p}$
29	13.8	22.8	16.3	17.6	6.6	725.2	722.0	722.0	93	36	42	E 0	S 1–2	S 0–1	9	1	0	.	
30	12.6	**23.3**	18.8	18.2	7.1	721.4	719.6	718.5	73	**30**	36	E 0	S 2–3	SSW 2–3	1	2	0	.	p ⸝, ◺ III
Mittel	6.5	11.7	8.1	8.8	—	719.0	718.7	719.0	87	53	75				7.1	6.6	5.8	Summe 96.3	

April 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m/m}$.

1	6.4	8.4	5.0	7.5	0.7	726.8	726.8	730.1	91	81	94	SSE 0	NNE 1	SW 0	10	9	10●	4.7	● $7^{1}/_{2}{}^{p}$–n
2	5.4	7.8	6.8	6.4	−0.6	**730.9**	729.6	727.5	60	60	63	W 0	NNW 1	NNE 2	5	5	2	.	⸝ $4^{1}/_{2}{}^{p}$–n
3	2.8	8.2	7.4	5.9	−1.2	724.2	722.3	720.2	84	55	67	ESE 0	NNW 1	NNE 0	7	1	0	.	
4	3.6	10.3	8.0	7.1	−0.1	719.5	718.1	714.5	87	61	78	W 0	NNW 0	SW 0	9	9	7	.	⌴ I
5	8.2	11.9	9.0	9.3	1.9	715.1	716.5	717.0	67	43	63	SW 1	SSW 1	SSW 0	3	10	5	.	a ⌓
6	4.4	13.4	8.9	8.3	0.8	717.0	716.5	717.2	87	41	80	SE 0	SSW 1	W 0	3	8	9	.	⌴ I
7	5.8	13.2	9.0	8.6	0.9	715.8	714.5	715.1	82	45	73	SSE 0	SW 1	N 0	10	6	10	0.9	●° $5^{3}/_{4}$–$7^{1}/_{2}{}^{p}$
8	6.2	9.8	7.0	7.5	−0.3	717.0	719.3	720.0	80	66	77	SE 0	N 1	NNE 2	10	9	10	.	⸝ $7^{1}/_{2}{}^{p}$–n
9	5.0	8.2	5.8	6.5	−1.4	721.4	722.4	724.3	78	58	68	NNE 2	NNE 1	NNE 1	10	10	4	.	a ⸝
10	4.4	11.8	7.4	7.0	−1.7	726.1	724.9	724.6	71	36	50	NNE 1	NW 1	SW 1	5	4	9	.	●° $10^{1}/_{2}{}^{p}$
11	5.2	8.8	7.4	7.0	−1.2	724.0	723.8	720.9	82	62	63	SW 1	SSE 1	WSW 0	10	10	10	6.8	● $10^{1}/_{2}{}^{p}$–n
12	5.4	3.8	2.2	4.4	−4.0	**713.9**	714.7	719.9	86	85	80	SW 2	NW 1	SW 0	10●	10●	9	2.3	● ⸝ l, ● ✳ $1^{1}/_{2}$–$4^{1}/_{2}{}^{p}$
13	−0.4	1.6	**−1.2**	0.0	−8.5	721.9	722.9	725.1	96	94	96	NNE 1	NNE 2	NNE 1	2	4	2	.	a ⌴ ✳°, ⸝
14	−1.0	4.0	2.1	1.5	−7.1	727.1	727.1	727.6	96	39	60	NNE 2	NNE 3	NNE 1	1	2	2	.	a ⌴, ⸝
15	0.1	6.0	2.9	3.2	−5.6	727.4	726.9	727.3	80	40	60	ESE 1	NNE 1	NNE 1	3	0	0	.	⌴ I
16	−0.4	13.2	12.2	6.9	−2.0	726.6	725.0	724.0	90	**16**	31	W 0	SW 1	SSW 1	2	4	9	1.0	⌴ I
17	10.0	10.4	8.6	9.9	0.9	723.1	721.5	723.2	72	84	72	SW 1	SW 1	SW 1	10●	10●	10	**16.0**	● n–$4^{1}/_{2}{}^{p}$, n
18	6.8	12.4	8.1	8.6	−0.6	727.5	726.7	727.7	61	38	77	SW 1	SSW 1	SW 1	4	6	10	0.4	●° $7^{1}/_{2}$, $10^{1}/_{2}{}^{p}$, n
19	9.4	9.8	10.2	9.6	0.3	726.9	726.5	724.8	66	76	88	SW 1	SSW 1	SSW 1	10	10●	10●	13.2	● $10^{1}/_{2}{}^{a}$–n
20	11.4	14.8	12.2	12.0	2.5	725.2	726.9	728.2	81	58	80	SSW 1	SSW 1	SSE 0	9	9	3	.	
21	6.8	14.0	12.4	10.8	1.2	727.1	726.5	725.9	94	60	85	NW 0	N 1	NNE 0	6	6	10	0.2	n $(^{21}/_{22})$ ●°
22	10.4	14.7	12.8	12.5	2.7	727.2	726.7	726.0	93	68	88	SW 0	NNE 1	NNE 0	10	10	9	3.3	n $(^{22}/_{23})$ ●
23	10.4	14.2	13.0	12.5	2.6	725.4	724.3	723.1	98	62	80	N 1	NNE 1	N 0	10	9	10	2.7	n $(^{23}/_{24})$ ●
24	11.4	17.1	12.8	13.6	3.6	722.4	721.2	721.6	96	55	68	W 1	SSW 1	S 1	9	5	5	.	
25	9.8	15.0	11.0	11.5	1.3	722.0	721.5	722.0	87	67	90	SSE 0	NW 0	SW 0	9	10●	10●	3.6	● $10^{1}/_{2}{}^{a}$–$1^{1}/_{2}$, $9^{1}/_{2}{}^{p}$
26	9.4	15.2	14.4	12.8	2.5	722.8	721.6	720.2	98	61	78	NNW 1	N 1	N 0	10	8	6	.	a ≡
27	10.4	**20.6**	14.8	15.2	4.7	720.1	719.6	722.8	91	44	66	N 1	W 1	NE 1	6	5	5	0.2	⊼ ●° $5^{3}/_{4}{}^{p}$, ⌒ $6^{3}/_{4}{}^{p}$, ●° $[7^{1}/_{2}{}^{p}$
28	12.0	19.0	16.4	15.5	4.9	726.3	725.4	726.4	82	52	61	SSE 0	NNE 1	SW 0	6	3	2	.	
29	11.8	18.8	17.8	15.9	5.1	728.5	727.0	725.8	84	53	50	NNE 0	NNE 1	SW 1	1	2	0	.	a ⌓
30	14.2	19.2	17.4	16.4	5.5	726.0	723.8	722.8	78	55	57	SSE 0	N 1	SSW 1	3	2	10●	1.8	a ⌓, ⊼ $5^{1}/_{2}$, $9^{3}/_{4}{}^{p}$, ● ◺ $[9^{1}/_{4}$–$10^{1}/_{2}{}^{p}$
Mittel	6.8	11.9	9.4	9.1	—	723.5	723.0	723.2	83	57	71				6.8	6.5	6.6	Summe 57.1	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind $7^{35}{}^{a}$, 1^{35} u. $9^{35}{}^{p}$.

$\lambda = 8^\circ 33'$, $\beta = 47^\circ 23'$,
$Hb = 493.2^m$, $G = 0.08\,{}^m/_m$.

Zürich.

April 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	5.6	5.0	4.3	5.0	−1.6	718.7	719.9	720.8	89	92	97	W 1	SW 1	SW 1	10●	10●	10	9.8	● 1h3/4a–5, 11h3/4–12p
2	4.2	5.1	3.4	4.2	−2.5	**723.3**	722.8	721.3	81	82	93	SW 1	NE 0	NE 0	10	10●	10●	2.3	● 1–2 1/2a, 1p–n, ●° 2 1/2–4, [10–10 1/4a
3	4.0	10.6	5.2	6.6	−0.3	716.8	715.3	714.9	91	54	87	S 0	SW 1	SW 0	9	4	0	0.1	
4	3.1	18.0	9.4	10.2	3.2	713.1	711.0	708.8	99	45	48	NW 0	E 1	E 0	5	4	1	.	
5	6.2	12.6	6.6	8.5	1.4	707.4	709.2	709.6	74	54	80	SW 0	NW 1	NW 0	10	8	0	.	
6	3.6	15.1	9.6	9.4	2.1	709.5	708.4	709.4	90	34	62	NE 0	SW 0	W 0	2	3	3	.	
7	6.9	14.5	8.0	9.8	2.4	708.2	707.2	708.6	78	48	77	SW 0	W 0	NE 1	4	6	9	0.5	●° 7 1/2p–n
8	5.2	6.4	3.6	5.1	−2.4	711.5	712.9	714.4	91	77	90	E 1	E 1	N 1	10●	10	10●	2.8	● 7 1/4–8a, 3 3/4p–n
9	2.3	4.6	3.4	3.4	−4.3	714.8	716.0	718.2	80	72	82	E 0	NE 1	E 0	10*	10	10	0.3	*° 6 1/2–8 3/4a, ●°–9 1/2a,
10	2.0	8.9	3.4	4.8	−3.0	718.5	716.6	716.0	78	47	84	N 0	W 1	W 1	5	7	10	1.6	n (10/11)● [1 3/4–2p
11	3.0	7.4	2.0	4.1	−3.8	715.7	715.4	713.6	94	56	91	NW 1	NW 1	NW 1	10	9	10●	9.5	*° 10 1/4a, ● 8 1/2-11p, *-n
12	2.5	5.4	−3.2	1.6	−6.5	**703.7**	705.0	713.9	86	68	86	SW 2	W 1	NE 1	9	9	9	7.6	a , ●° 8 3/4–9 1/2a, ● *)
13	−3.2	1.9	−3.4	−1.6	−9.8	715.9	716.9	719.0	73	59	65	E 0	E 0	NE 1	5	5	0	2.9	* 9a–p
14	**−4.2**	1.9	−1.4	−1.2	−9.6	720.9	721.0	721.4	74	55	65	E 1	N 1	NE 0	1	6	0	0.1	*° II
15	−2.8	6.0	0.2	1.1	−7.4	721.1	720.2	720.4	77	36	54	E 0	NE 1	NE 0	0	3	0	.	⌊2 l
16	−1.0	12.6	10.5	7.4	−1.2	719.1	716.9	715.3	81	**33**	37	E 0	W 0	SW 3	2	0	9	0.1	⌊2 l, p n [●–n
17	8.9	10.3	6.9	8.7	−0.1	713.7	712.2	715.7	68	76	78	SW 1	S 1	SW 2	10●	9	10●	6.3	● 7–8 1/2a, , ●° 10 1/4a–III,
18	4.5	12.2	8.4	8.4	−0.5	718.5	718.4	718.9	88	42	59	W 1	W 2	SW 1	9●	5	6	0.2	●° n–8 1/2a, 5 3/4p,
19	8.4	11.0	8.1	9.2	0.2	718.7	717.6	716.6	69	65	97	SW 1	SW 0	SW 1	8	10●	10●	**11.7**	a , ● 9 1/2a–n
20	8.8	11.0	6.0	8.6	−0.6	716.7	719.0	721.2	93	74	89	SW 1	NW 1	NE 0	10●	9	2	4.3	● n–0 1/2p, p
21	3.6	12.5	10.2	8.8	−0.5	720.3	720.2	719.4	94	73	81	NE 0	W 0	NW 0	9	9	7	1.1	● 10a–0 1/2p
22	8.1	18.6	13.2	13.3	3.8	719.9	719.6	718.5	83	50	54	E 0	NE 1	NE 1	4	3	7	.	⌊° l
23	8.7	15.0	12.2	12.0	2.4	718.4	717.4	716.2	61	52	66	NE 0	NE 1	NE 1	9	8	10	.	●° 2 3/4, 9 1/2p
24	9.4	15.1	10.7	11.7	2.0	714.6	714.6	714.1	80	64	80	NE 0	NW 0	E 0	1	8	8	.	●° 0–0 1/2, 9 1/4p
25	10.7	17.2	11.9	13.3	3.4	714.1	713.8	714.1	83	50	78	SE 0	W 0	SW 0	9	8	10	.	
26	11.3	17.8	13.0	14.0	4.0	715.8	714.5	712.9	80	57	82	W 0	E 0	NE 0	7	7	3	.	
27	9.6	22.4	15.3	15.8	5.7	713.0	712.2	714.8	90	42	64	E 0	SE 0	NW 1	6	2	3	2.5	●° 11p, n ●
28	11.8	20.9	14.6	15.8	5.5	717.9	718.5	719.7	96	53	74	SW 1	E 1	NE 1	9	6	9	.	●° n–8a, p , n
29	14.6	22.8	15.5	17.6	7.2	722.1	719.5	718.5	77	47	73	SE 0	NE 1	NE 1	4	1	5	0.1	
30	13.0	**24.3**	16.6	18.0	7.5	718.8	716.6	714.8	65	37	48	S 0	E 0	E 0	1	1	0	.	9–12p
Mittel	5.6	12.2	7.5	8.4	—	716.0	715.6	716.0	82	57	74				6.6	6.3	6.0	Summe 63.8	

[*) 12. *–10a, ● 11 3/4a–0, 1 3/4–3p, * 3 1/4–3 1/2p, * ● 4–4 1/4p, *–n

$\lambda = 8^\circ 30'$, $\beta = 47^\circ 3'$,
$Hb = 1787.3^m$, $G = -0.11\,{}^m/_m$.

Rigi-Kulm.

April 1913.
Beobachter: *M. Bissig.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	−2.0	−2.2	−3.0	−2.4	−1.0	612.0	612.7	614.0	100	100	100	W 1	NW 1	NW 0	10*	10*	10*	**26.2**	*2
2	−5.0	−1.2	−5.2	−3.8	−2.5	615.0	614.8	613.4	100	100	100	SE 1	NW 0	SE 2	10*	10≡	10*	5.2	* I, III, ≡ II
3	−2.8	0.8	−0.8	−0.9	0.3	609.7	609.6	609.5	100	78	75	S 2	S 0	S 3	3	3	0	.	III–n
4	1.0	3.0	1.2	1.7	2.8	607.8	607.6	605.5	51	**43**	45	S 4	S 3	S 4	7	3	3	.	
5	0.0	3.1	0.0	1.0	2.0	603.8	605.3	605.7	79	44	50	S 2	S 3	S 2–3	10	7	3	.	p
6	−0.7	2.6	−0.4	0.5	1.4	604.9	604.8	605.6	55	65	100	S 0	S 1	NW 2	3	7	0	.	
7	−1.9	1.4	−1.0	−0.5	0.3	603.7	603.5	603.9	100	80	100	NW 2	S 0	NW 0	10≡	10	10*	1.2	≡ I, * III
8	−1.4	0.8	−3.0	−1.2	−0.5	605.5	606.7	607.4	86	100	100	NW 0	NE 0	NW 0	10≡	10≡	10≡	0.8	≡, n *°
9	−4.4	−3.4	−5.2	−4.3	−3.8	607.2	608.5	610.3	100	100	100	E 1	E 0	NE 1	10≡	10≡	10*	0.7	≡ n–p, *° III
10	−5.2	−3.0	−5.6	−4.6	−4.2	610.3	610.0	608.9	100	100	100	NE 0	SW 1	W 3	10≡	10≡	10	4.9	≡ n–p, III, n *
11	−5.2	−5.0	−5.8	−5.3	−5.0	608.0	608.3	606.8	100	100	100	NE 2	W 2	W 1	10*	10*	10*	7.0	* [III–n
12	−3.0	−5.4	−11.8	−6.7	−6.5	**598.6**	599.7	603.3	100	100	100	NW 4	NW 4	NE 2	10*	9≡	10*	9.9	* I, , ≡ II, *
13	−13.2	−10.9	**−14.0**	−12.7	−12.6	605.6	606.6	608.5	100	98	98	NE 0	NE 0	NE 1	5	10≡	0	0.9	a ≡°, *°, ≡ II
14	−13.2	−7.4	−10.8	−10.5	−10.5	609.7	610.9	611.5	98	98	97	E 1	E 0	E 0	0	5	0	.	≡° II
15	−11.5	−6.2	−10.2	−9.3	−9.4	611.0	610.0	612.0	97	97	98	E 3	S 1	S 0	3	5	0	.	I
16	−7.0	−1.4	−0.6	−3.0	−3.2	611.0	611.0	611.0	100	97	87	W 2	W 2	W 3	3	3	9	0.3	III
17	0.0	1.8	−2.5	−0.2	−0.5	609.0	608.3	609.9	100	81	100	NW 2	NW 3	W 4	10*	10	10*	10.5	*° n–I, p , * III–n
18	−5.6	−2.8	−3.8	−3.7	−4.1	611.1	612.0	613.0	100	100	100	W 4	W 2–3	W 2	10*	7	8	0.3	, *° n–I, –p
19	−0.8	1.4	−0.2	0.1	−0.4	613.0	612.5	612.0	66	65	100	NW 1	W 2	W 1	10	10	10*●	8.0	* ● III–n
20	1.6	1.2	−0.4	0.8	0.1	611.9	613.6	615.1	100	100	100	W 4	W 3	W 1	10≡	10●	10*	10.7	≡ I, –p, ●, * III–n
21	0.4	4.4	3.0	2.6	1.8	614.6	615.0	615.1	100	81	94	W 2	NW 1	NW 1	10	10	7	1.4	a *, ≡° II
22	5.4	6.4	4.2	5.3	4.4	614.5	614.7	615.2	70	96	100	N 0	N 1	N 0	5	5	3	.	
23	3.9	7.4	3.6	5.0	3.9	614.8	614.7	612.8	100	65	100	W 1	SE 1	SE 0	10≡	10≡	5	.	≡ n–II
24	4.6	5.2	4.0	4.6	3.4	611.9	610.9	611.0	75	65	85	S 0	S 3	S 1	1	7	3	.	II
25	2.2	5.4	3.0	3.5	2.2	610.4	610.2	610.7	80	80	88	NW 0–1	W 0–1	W 0	10	10≡	3	.	≡ II
26	3.8	5.4	6.0	5.1	3.7	611.4	611.1	610.7	96	65	45	E 0	S 3–4	S 4	10≡	10	5	.	≡ I, p
27	6.2	10.0	6.2	7.5	6.0	610.0	610.4	612.2	60	52	74	S 3	S 2–3	W 0–1	3	5	3	.	n–II
28	6.6	9.4	7.4	7.8	6.1	614.4	615.5	616.8	69	77	93	NW 0	E 1	NW 0–1	5	7	3	.	
29	5.4	10.2	8.2	7.9	6.1	**618.0**	617.1	617.0	79	57	45	W 0	S 1–2	S 2	7	3	3	.	
30	7.8	**11.4**	8.0	9.1	7.2	616.1	614.8	614.1	58	49	50	S 3	S 1–2	S 1	1	3	1	.	I
Mittel	−1.1	1.4	−1.0	−0.2	—	610.2	610.4	610.8	87	81	88				7.2	7.6	5.6	Summe 88.0	

April 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712.6^m$, $G = -0.12^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	0.6	2.0	−0.9	0.6	2.1	617.9	617.2	619.1	96	89	98	SW 0	N 0	N 1	10*	10●	10*	**31.5**	✳², ● II
2	−1.8	−1.4	−3.4	−2.2	−0.8	619.3	619.1	618.7	98	79	90	N 0	N 1	N 2	10*	10*	10*	18.1	✳
3	−3.0	5.2	−1.6	0.2	1.4	616.5	616.1	616.8	100	59	89	N 1	S 0	NE 1	10*	8	0	0.5	✳° I
4	−4.8	6.2	1.8	1.1	2.2	616.3	615.7	614.2	86	52	60	E 0	W 0	SW 4	10	7	10	6.3	⸗ III–n, n ✳
5	−1.0	4.0	−3.6	−0.2	0.7	611.1	613.3	613.5	100	54	74	N 3	S 1	NE 1	10*	3	2	.	✳° ⸗ I
6	−9.2	3.9	−1.3	−2.2	−1.4	611.5	611.0	611.0	81	51	77	N 0	S 2	NE 1	2	1	0	.	
7	−5.5	6.2	−1.2	−0.2	0.4	609.4	608.6	610.1	81	41	80	SW 0	E 0	W 1	6	5	0	.	≺ III
8	−6.2	6.3	−0.2	0.0	0.5	611.4	611.5	612.2	88	40	89	S 0	SE 0	— 0	2	5	10	.	
9	−1.2	4.4	−1.2	0.7	1.0	612.2	612.6	615.2	92	45	66	N 1	W 2	SW 3	9*	8	0	.	✳° I, ⸗ III
10	−4.0	1.8	−1.6	−1.3	−1.1	615.5	614.3	613.5	64	49	79	NE 0	W 3	SW 3	5	1	10	3.3	p ⸗, n ✳
11	−3.0	0.4	−4.4	−2.3	−2.3	612.0	612.5	611.3	79	42	86	NE 1	NW 3	NE 2	10*	10	9	.	✳° n–op, ⸗ II
12	−3.0	−1.8	−7.2	−4.0	−4.2	606.3	**604.2**	606.3	75	75	72	NW 2	S 3	N 4	10	10*	10*	2.0	p ⸗ ✳, ⸗ III
13	−11.6	−6.2	−13.2	−10.3	−10.7	610.3	610.8	613.9	54	41	53	W 1	NE 3	N 1	3	5	2	.	⸗ II
14	**−16.4**	−5.0	−10.6	−10.7	−11.2	615.5	615.2	616.9	69	45	54	W 1	SW 3	W 1	4	2	2	.	⸗ II
15	−13.8	−3.0	−8.2	−8.3	−9.0	616.6	615.9	617.7	65	44	55	E 1	SW 2	NE 1	3	0	0	.	
16	−13.5	3.8	−3.2	−4.3	−5.1	617.8	616.7	616.9	74	**31**	56	NW 1	S 2	W 3	2	0	3	.	⸗ III
17	−0.4	4.2	0.6	1.5	0.5	615.6	615.5	615.7	70	56	90	S 0	S 3	S 2	10	10	10	0.2	⸗ II, ✳°
18	0.9	−1.1	−4.4	−1.5	−2.7	615.7	617.3	619.4	88	85	75	S 0	NE 1	NE 1	10	10*	2	0.6	✳° II
19	−7.4	5.4	1.5	−0.2	−1.6	620.5	619.4	618.8	84	44	73	SE 1	W 3	W 1	2	2	10	.	⸗ II
20	0.4	9.2	3.6	4.4	2.9	618.2	618.0	620.0	86	48	69	NE 0	S 1	W 1	5	8	3	1.5	n (20/21) ✳
21	−1.2	9.0	1.8	3.2	1.5	620.5	620.4	621.1	86	48	79	N 0	S 1	W 0	10	7	2	.	
22	−2.1	10.8	4.4	4.4	2.6	621.6	621.2	621.2	88	47	94	S 1	SE 1	W 1	4	2	0	0.5	
23	1.8	8.8	4.0	4.9	2.9	619.9	619.4	619.2	99	67	95	S 0	S 1	W 1	10●	9	10	0.8	●° n–l, p
24	4.9	8.4	2.8	5.4	3.2	617.7	618.0	617.8	91	58	89	S 1	S 3	W 1	9	8	10●	7.5	● III–n
25	1.9	5.8	3.6	3.8	1.5	617.3	617.4	617.6	96	88	97	SW 0	SE 1	W 1	10●	10●	10	5.3	● n–p
26	4.6	11.4	3.2	6.4	3.9	618.4	617.6	618.0	100	57	90	N 0	E 1	W 1	10	4	0	.	
27	3.4	10.6	2.3	5.4	2.8	616.8	616.8	618.7	90	50	86	E 1	SE 1	W 1	10	9	0	.	
28	0.1	12.4	4.2	5.6	2.8	620.5	620.9	622.7	90	44	76	W 0	SW 0	W 1	7	3	0	.	≺ $11^{1}/_{2}$p
29	1.2	**13.4**	4.8	6.5	3.6	**624.0**	623.1	623.4	91	42	75	SW 1	N 1	W 1	1	4	1	.	
30	3.2	13.3	6.4	7.6	4.5	622.9	621.5	620.8	94	44	79	SW 0	W 1	W 1	0	3	9	.	
Mittel	−2.9	5.0	−0.7	0.5	—	616.3	616.0	616.7	85	54	78				6.8	5.8	4.8	Summe 78.1	

April 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^m$, $G = 0.00^{m}/_{m}$.

1	3.3	4.5	5.1	4.3	−3.8	714.6	715.2	716.4	100	98	90	E 0	E 0–1	E 0	10●	10	10	2.8	● n–10ª
2	4.2	10.7	6.0	7.0	−1.2	**717.8**	715.9	715.0	75	41	60	SW 1–2	SW 3–4	SW 0	10	10	10	0.1	⸗
3	2.8	11.6	8.1	7.5	−0.9	712.6	709.6	709.5	92	40	50	NE 0	N 0	NE 0	0	0	0	.	
4	7.0	15.8	11.1	11.3	2.8	708.4	705.9	704.3	49	**28**	38	NE 0–1	NE 4–5	NE 4	1	3	4	1.1	⸗ 11^{a}–n
5	6.9	13.7	9.5	10.0	1.3	705.0	704.8	705.6	67	30	39	E 1–2	ENE 3–4	NE 0	1	3	0	.	● 2ª, ⸗ 10ª–p
6	4.7	15.0	8.8	9.5	0.7	705.1	703.8	707.8	66	32	65	SE 0	W 0	SW 0	9	1	0	.	
7	5.8	14.2	9.0	9.7	0.7	703.5	**700.9**	701.8	86	42	56	NE 0	S 0–1	NE 0	7	4	0	.	
8	4.7	14.8	8.0	9.2	0.1	705.2	704.3	705.6	83	45	78	NE 0–1	SW 2–3	SW 0–1	0	8	5	.	⸗ II
9	5.6	10.8	6.2	7.5	−1.7	706.9	708.3	710.2	87	60	69	SW 0–1	SW 0–1	SW 0–1	10	5	0	.	
10	4.7	11.4	6.0	7.4	−2.0	712.3	710.6	711.5	86	42	66	SW 0–1	SW 2–3	SW 1–2	9	3	6	.	⸗ II
11	4.8	9.0	6.3	6.7	−2.8	710.1	710.9	707.3	85	55	55	SW 1–2	SW 1–2	SW 0–1	9	8	10	5.0	n (11/12) ●
12	1.0	5.6	1.2	2.6	−7.1	701.5	701.1	705.7	100	80	70	SW 0	NW 0	S 0	10*	10	10	7.5	✳ 6–8ª, p ● ✳
13	−1.6	2.7	−0.8	0.1	−9.7	710.2	710.2	712.7	55	35	45	SW 0–1	NNW 0–1	SW 0–1	0	8	0	.	⌊ I
14	**−4.0**	4.9	0.9	0.6	−9.4	715.4	714.2	715.1	54	36	57	E 1	SW 0–1	SW 0–1	0	0	0	.	⌊ I
15	−0.9	7.5	3.3	3.3	−6.8	715.5	713.3	714.8	57	39	47	NE 0	SW 1	SW 0	0	0	0	.	⌊ I
16	1.1	12.2	9.5	7.6	−2.6	715.5	712.5	711.8	62	34	44	E 0	SE 0	NW 0	0	0	0	.	⌊ I
17	8.2	9.9	7.0	8.4	−2.0	710.7	710.3	711.5	64	84	90	S 0	E 0–1	SW 0	10	10●	10	8.0	● 10ª–p
18	6.3	12.7	7.4	8.8	−1.7	713.9	713.4	715.3	75	37	59	SSW 0–1	WNW 2–3	S 0	10	5	0	.	⸗ II
19	5.8	10.2	7.5	7.8	−2.9	716.3	715.6	714.4	80	59	100	E 0	E 1	E 0	10	10●	10●	**9.8**	p ●
20	7.6	12.4	10.0	10.0	−0.8	714.0	714.4	716.2	90	69	79	S 0	SW 0	SW 0	9	8	3	.	
21	7.7	18.0	12.8	12.8	1.9	715.2	713.7	713.2	91	43	64	SW 0	S 0	NE 0	9	2	2	.	
22	10.8	19.5	13.3	14.5	3.4	715.1	713.5	713.4	78	46	79	SE 0	SW 1–2	SW 0	6	8	0	0.2	n (22/23) ●°
23	10.3	18.3	13.6	14.1	2.9	713.4	711.3	711.3	95	52	80	NE 0–1	SW 0–1	SE 0	10●	7	8	.	●° l, p
24	9.2	18.4	12.8	13.5	2.1	710.0	708.6	709.0	97	40	60	SW 0	SE 0	NE 0	4	5	0	.	a ●°
25	8.6	16.9	11.4	12.3	0.8	709.8	708.2	710.1	97	54	85	SE 0	SW 0–1	NE 0	10●	6	10	0.5	●° $7^{1}/_{2}$–8ª
26	10.2	19.4	14.9	14.8	3.2	711.1	708.8	708.9	90	32	45	SW 0	NE 1–2	NE 0	5	6	1	.	
27	13.3	20.5	15.1	16.3	4.5	708.8	707.7	711.2	65	33	44	E 0	E 2–3	NE 0	3	8	3	.	⸗ II
28	11.3	21.5	16.5	16.4	4.5	714.3	712.9	715.1	65	38	55	S 1	SW 1	SW 0	0	0	4	.	
29	13.8	22.8	16.8	17.8	5.8	717.6	714.7	714.9	66	33	42	E 0	SW 0–1	E 0	0	1	0	.	p ⸗
30	13.6	**23.0**	18.0	18.2	6.0	715.1	712.1	711.7	53	30	39	E 0–1	E 0	E 0	0	2	0	.	
Mittel	6.2	13.6	9.2	9.7	—	711.5	710.2	711.0	77	46	62				5.4	5.0	3.5	Summe 35.0	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

April 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	8.6	8.6	7.2	8.1	−1.0	735.6	736.4	737.1	95	89	92	NW o	N o	NE o	10●	10●	10●	44.9	●² n–11p
2	7.0	10.6	9.0	8.9	−0.4	735.8	736.7	736.8	91	45	58	SE o	NNE 1	NNE 1	10	10	10	10.5	
3	5.0	9.8	6.2	7.0	−2.4	736.2	735.6	735.4	96	84	97	W o	S o	N o	10●	10	10	3.9	● n–I, $3^1/_2$–$8^1/_2$p
4	7.0	10.4	7.8	8.4	−1.1	734.8	735.5	732.8	96	84	98	N o	NW o	N o	10	10	10●	31.4	a ●, p n ●²
5	3.6	12.0	7.0	7.5	−2.2	731.0	732.7	732.2	92	74	91	SW o	SE o	N o	10●	8	10	2.2	a ●°, ● $2^1/_2$–$5^1/_2$p
6	8.0	15.0	8.0	10.3	0.5	729.9	729.7	729.2	84	64	84	NW o	S o	NW o	6	2	0	.	
7	3.8	15.6	8.0	9.1	−0.8	726.5	725.7	727.0	92	59	96	N o	SE o	N o	0	1	10	16.4	⛆ ●² $4^1/_2$–$5^3/_4$p
8	7.2	15.0	10.6	10.9	0.8	729.0	728.6	730.1	82	64	73	N o	SW o	SW o	6	3	10	5.4	●° $2^1/_2$p
9	7.8	11.6	8.6	9.3	−0.9	730.6	731.1	733.3	90	78	92	N o	S o	N o	10	8	10	1.2	n a ●
10	4.2	14.2	9.6	9.3	−1.0	734.2	732.5	729.8	90	54	77	N o	SE o	N o	0	0	6	.	
11	7.2	14.6	8.0	9.9	−0.6	729.9	729.1	728.8	56	24	43	N o	NNE 1	N o	0	0	0	.	⛈ $1^1/_2$–$6^1/_2$p
12	6.2	5.2	7.8	6.4	−4.2	725.0	**722.0**	722.4	69	86	25	N o	NE o	N 2	10	10	0	2.4	● $11^1/_4$a–$1^1/_4$p, ⛈ $8^1/_2$p–n
13	2.0	6.4	2.2	3.5	−7.2	728.6	730.6	734.0	40	**17**	75	N 2	N 2	N 2	0	0	0	.	⛈, n ⛈
14	**0.4**	11.0	5.8	5.7	−5.2	736.3	735.0	736.9	94	33	**17**	N o	E o	N 1	0	0	0	.	
15	5.6	11.8	4.8	7.4	−3.6	735.7	735.1	736.2	22	41	60	NE o	S o	N o	0	0	0	.	
16	3.0	15.2	8.2	8.8	−2.3	737.6	736.6	736.1	42	48	71	N o	S o	N o	0	0	0	.	
17	7.0	10.6	7.8	8.5	−2.8	735.8	735.2	735.6	79	71	98	NW o	S o	S o	10	10	10●	1.6	● ≡ 3p–III, n ●°
18	7.6	12.0	7.6	9.1	−2.3	735.2	735.0	737.2	97	87	80	E o	E o	N o	10≡	10	0	4.3	≡ I, ● $11^3/_4$a–p
19	5.8	15.4	11.4	10.9	−0.6	739.5	738.8	737.4	71	58	76	N o	S o	N o	2	2	10	.	
20	11.2	18.4	13.0	14.2	2.6	736.4	735.6	735.8	84	52	70	N o	S o	N o	0	0	0	.	
21	9.4	17.4	14.2	13.7	1.9	738.0	737.5	738.2	78	60	80	N o	S o	SW o	1	1	10	.	
22	12.6	15.2	13.0	13.6	1.7	739.5	739.8	739.4	83	75	85	NW o	S o	N o	10	10	10	0.4	n ($^{22}/_{23}$) ●°
23	10.8	14.8	11.2	12.3	0.2	737.9	737.4	737.6	96	87	97	N o	SW o	W o	10≡	10	10≡●	22.5	≡ I, ● ≡ $3^1/_2$p–n
24	11.0	15.8	10.6	12.5	0.3	735.9	736.0	735.7	97	78	95	SW o	SE o	SW o	10≡●	10	10●	30.6	≡ I, p, ● n–$10^1/_2$a, p n ●²
25	9.6	9.4	9.8	9.6	−2.7	735.3	736.2	736.2	96	99	97	W o	W o	N o	10●	10≡●	10●	**55.6**	●² n–9p, ≡ II
26	10.0	14.8	13.4	12.7	0.2	736.3	735.0	734.2	94	77	81	N o	SSW o	SW o	10	10	8	.	
27	11.2	15.0	12.4	12.9	0.3	734.0	733.8	735.1	87	79	83	W o	NW o	N o	10●	10●	0	1.4	● n–II
28	11.8	19.2	14.2	15.1	2.4	738.0	738.1	739.6	89	67	80	N o	S o	N o	2	2	0	.	
29	11.2	**21.2**	14.6	15.7	2.8	**740.6**	739.4	739.6	87	57	85	N o	SE o	SW o	0	0	0	.	
30	15.2	17.0	13.4	15.2	2.2	739.0	737.4	737.6	71	69	82	N o	NE o	N o	0	10●	0	13.0	⛆ ● $1^1/_2$–$2^1/_2$p, n ●
																		Summe	
Mittel	7.7	13.4	9.5	10.2	—	734.6	734.3	734.6	81	65	78				5.6	5.6	5.5	247.7	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

April 1913.
Bernoullianum.

1	6.4	7.9	7.4	7.2	−0.3	737.4	738.2	739.7	88	85	83	S o	SE 1	NW 1	10●	10	10	2.5	● $1^1/_4$a–1p, ●° 6–$6^1/_4$p
2	5.2	7.8	6.0	6.3	−1.3	**742.6**	741.7	740.4	75	59	79	SW 1	N 1	E 1	10	10	10	0.2	●° $5^1/_2$p
3	4.4	8.8	6.0	6.4	−1.3	735.4	733.8	733.5	93	68	91	W 1	E o	N o	10●	7	1	0.2	●° 7a–op
4	4.3	9.0	9.8	7.7	−0.2	731.6	730.0	726.4	95	81	89	SE o	N 1	E o	10≡	7	0	.	≡ n–9a
5	6.2	11.8	7.8	8.6	0.6	725.9	727.9	728.1	79	58	78	SW o	N o	W 1	10	10	0	.	
6	2.6	13.4	9.6	8.5	0.4	728.2	726.8	727.8	88	51	72	E 1	N 1	S o	4	4	2	.	
7	5.2	12.8	7.2	8.4	0.1	726.4	725.1	727.5	85	52	91	SE o	W 1	NW 1	8	8	10	.	●° 9a
8	6.0	7.9	4.1	6.0	−2.4	730.5	731.7	733.7	94	74	85	N o	N 1	NW o	10	10	10●	0.1	●° 3–7p, III
9	3.0	8.4	5.5	5.6	−2.9	734.2	734.7	737.5	93	56	77	W 1	N o	E 1	10	9	10	.	●° 5–$5^1/_2$p
10	2.5	9.4	4.6	5.5	−3.2	737.7	735.7	735.0	88	38	84	SW o	W 1	W o	6	8	10●	2.0	●° $4^3/_4$–7p, ● $9^1/_4$p–2^a
11	5.0	7.6	4.0	5.5	−3.3	734.7	734.4	732.3	87	54	85	W 1	SW 1	SW 1	10	4	10	8.2	● $4^3/_4$–$6^3/_4$a, $10^1/_4$p–n
12	2.8	6.6	−0.4	3.0	−5.9	**720.9**	723.5	733.6	97	68	81	SE 1	W 2	NW 1	10●	10●	8	4.4	● n-op, ● ✳ $1^3/_4$–$3^1/_2$p, ✳-✳° $2^1/_2$-3, $5^1/_2$-6p [7p, p ⛈
13	−2.2	2.2	−0.8	−0.3	−9.4	735.6	736.1	738.7	80	52	77	NW 1	N 1	SW 1	4	4	2	.	⌊ I, ✳° $0^1/_4$, 4p
14	**−2.6**	3.8	2.4	1.2	−8.0	740.6	740.4	740.7	78	52	69	SE 1	NE 1	E o	1	6	7	.	
15	−0.6	6.4	2.8	2.9	−6.4	740.2	739.3	739.1	85	44	56	E o	N 1	E 1	2	5	1	.	
16	0.4	11.4	11.0	7.6	−1.9	737.4	735.1	734.0	68	**34**	48	E 1	N o	SW o	5	1	10	0.2	[$8^1/_2$-$9^1/_4$p, △ $4^1/_4$p
17	8.6	13.8	8.0	10.1	0.5	731.1	729.3	733.9	86	55	78	SE 1	SW 2	S 1	10●	10	10	7.6	● n–$11^1/_4$a, $1^3/_4$, 4–$5^1/_2$,
18	6.0	12.3	7.6	8.6	−1.1	737.5	736.5	737.5	76	39	83	SW 2	W 1	SE o	5	8	9	1.5	● $1^1/_4$-$3^1/_4$, $6^3/_4$-$8^3/_4$a, $2^1/_4$-
19	8.6	11.6	9.6	9.9	0.1	736.5	735.5	734.2	86	69	97	E o	SW o	SE 1	10	10●	10●	5.8	● 9–$9^3/_4$a, II, $5^1/_4$–11p [6p
20	9.6	11.7	9.4	10.2	0.2	735.6	738.2	739.7	95	64	72	W 1	SW 1	SW o	10●	5	3	1.0	● $1^1/_4$–$1^1/_2$, 3–$10^1/_4$a
21	5.8	14.4	12.5	10.9	0.8	739.1	737.9	737.7	82	58	75	E o	S 1	E o	10	5	3	0.1	●° 9a
22	10.6	18.4	15.4	14.8	4.6	738.4	737.6	736.7	80	54	62	E o	N o	E 1	5	5	10	.	
23	9.8	16.0	12.9	12.9	2.5	736.7	735.5	734.2	79	46	78	E o	N o	W o	8	7	9	0.2	
24	10.8	14.4	10.4	11.9	1.4	733.2	732.5	732.3	85	75	95	SE o	E 1	SE 1	9	9	4	**14.1**	●° $6^1/_4$–$6^1/_2$a, ● 9–$9^3/_4$, *)
25	9.5	17.4	13.4	13.4	2.8	732.3	731.6	732.3	91	50	84	S 1	S 1	S o	8	8	10	0.4	●° $10^1/_4$a, $4^1/_2$, 5, $10^1/_4$p
26	11.6	16.2	12.9	13.6	2.9	734.2	732.8	731.4	87	60	83	E o	E 1	NW o	10	6	2	.	
27	8.8	19.8	14.6	14.4	3.5	730.9	730.2	732.8	94	59	72	E 1	N 1	S o	8	2	2	.	
28	12.4	21.3	16.4	16.7	5.7	736.3	736.2	738.1	81	43	81	SE 1	E 1	SE o	7	5	0	.	
29	13.4	22.2	17.5	17.7	6.6	739.9	737.5	736.6	84	44	68	E 1	SE 1	SE o	7	2	1	.	
30	14.6	**22.8**	17.8	18.4	7.2	736.8	734.2	732.5	78	42	71	E 1	E 1	E 1	2	2	1	1.0	⛆ III, ⛆ ● 11p–$0^1/_4$a
																		Summe	
Mittel	6.3	12.3	8.8	9.1	—	734.6	734.0	734.6	85	56	78				7.6	6.6	5.8	49.5	

*) **24.** $11^1/_2$a, 4–5p, p ⛆, ● [▲ $7^3/_4$–$8^1/_2$p

April 1913.
Observatorium.

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$,
$Hb = 2500.1^m$, $G = -0.16\,m/m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	-3.2	-4.5	-6.8	-4.8	1.4	559.5	559.8	560.9	100	100	100	ENE 1	W 2	W 1	10≡*	10≡*	10≡*	26.4	≡ *² V, p ⊹
2	-9.9	-7.4	-9.3	-8.9	-2.8	561.1	561.0	560.0	100	100	100	WNW 1	NW 0	NE 1	10≡*	10≡*	10≡*	3.7	a V, * ≡, ⊹ a, 6p-n
3	-5.3	-3.5	-4.4	-4.4	1.6	557.9	557.6	558.1	80	92	98	ENE 0	ENE 1	NE 4	3	2	2	.	⌒ III-n
4	-4.4	-2.0	-4.6	-3.7	2.2	556.8	556.9	554.9	93	88	89	NE 4	E 3	E 3	8	3	3	.	a ⌒
5	-4.0	-2.4	-6.0	-4.1	1.7	552.4	553.9	554.4	90	83	85	NE 3	SW 3	ESE 3	9	8	2	.	
6	-5.4	-2.0	-4.8	-4.1	1.6	552.9	553.1	553.2	78	85	100	W 1	SE 0	W 2	3	10	10≡	0.3	≡ $2^1/_2$-3, $9^1/_4$p-n, △° *)
7	-5.8	-2.3	-5.2	-4.4	1.2	551.5	551.6	552.6	100	93	97	WSW 1	SSW 0	NE 1	10≡	10≡*	9≡	0.1	≡, *° $11^3/_4$a-$1^3/_4$p
8	-5.4	-1.2	-6.4	-4.3	1.2	553.4	554.5	555.2	98	88	98	NE 1	SE 0	NNE 0	7	10≡	10≡	.	≡ 9a-n [$4^3/_4$-$5^1/_4$p
9	-6.2	-4.8	-9.0	-6.7	-1.3	554.4	555.6	557.3	97	92	100	NE 0	NNE 0	WSW 0	9	10≡*	10≡	0.6	*° $7^1/_4$a-2p, ≡ 9a-n, △°
10	-9.3	-8.2	-10.1	-9.2	-3.9	556.8	556.1	554.8	100	100	100	WSW 1	WSW 3	WSW 2	10≡	10≡	10≡*	31.2	≡ V, *² ⊹ $3^3/_4$p-n
11	-9.8	-9.8	-11.8	-10.5	-5.3	554.4	554.4	552.8	100	100	100	WSW 2	WSW 2	SW 1	10≡*	10≡*	10≡*	20.4	⊹² n-7p, * ≡² V
12	-7.9	-9.7	-18.0	-11.9	-6.9	546.2	**545.4**	549.5	100	100	100	WSW 4	WSW 3	NE 2	10≡*	10≡*	10≡*	21.7	⌒ l, ≡² * ⊹² V
13	-16.7	-15.4	**-19.8**	-17.3	-12.4	550.7	552.1	553.9	98	100	98	NNW 0	NNW 1	NNE 2	10	10≡*	5	3.8	≡ 9^a-3, $5^1/_4$-6p, * *)
14	-17.6	-15.9	-17.3	-16.9	-12.1	555.1	556.4	557.2	100	96	98	NNE 1	NE 0	NW 1	10	4	3	0.2	≡ n-10a, *° $4^3/_4$-5^1 2p
15	-15.7	-12.6	-14.1	-14.1	-9.4	556.4	557.2	558.2	95	80	86	NE 1	NE 1	SW 2	1	1	1	.	
16	-10.2	-7.1	-6.7	-8.0	-3.4	557.6	558.1	557.7	**55**	60	87	SW 4	WSW 4	WNW 5	4	1	9	4.1	⊹° n-9^a, a ⌒, ⊹ ⌒ *)
17	-3.9	-2.9	-6.7	-4.5	0.0	556.5	555.8	556.6	100	100	100	WSW 3	WSW 3	W 4	10≡	10≡*	10≡*△	38.7	≡² ⊹² V, *² 9^a-n, *)
18	-8.4	-6.7	-7.0	-7.4	-3.0	557.6	558.6	559.9	100	100	100	WSW 3	WSW 2	WSW 3	10≡*	10≡	10≡*	6.2	* ⊹ n-o, $6^3/_4$p-n, ≡ V
19	-6.2	-2.5	-2.7	-3.8	0.5	560.3	560.2	559.6	90	100	100	WSW 2	WSW 4	WSW 2	7	10≡*	10≡*	23.9	⊹ ⌒ 10^a-$2^1/_2$p, * ≡ *)
20	-2.5	-2.6	-4.6	-3.2	1.0	558.9	560.6	562.4	100	100	100	WSW 3	WSW 2	NE 1	10≡*	10≡*	10≡*	**56.2**	≡² *² ⊹² V
21	-3.7	-0.6	-1.3	-1.9	2.1	561.8	562.7	563.5	100	100	100	WSW 2	WSW 3	WSW 2	10≡	10≡*	10≡	4.2	* $10^1/_4$a-$2^1/_4$p, ≡ n-$6^1/_2$,
22	-1.1	1.6	-0.1	0.1	4.0	563.7	564.4	563.6	77	93	95	WSW 1	SW 0	SE 1	3	8	3	.	≡ 4-$6^3/_4$p [8p-n
23	0.2	1.6	0.0	0.6	4.4	562.1	561.8	561.4	95	94	91	WSW 1	SW 1	SW 1	9	10≡	9	.	*° $10^1/_4$a-1p, ≡ 11^a-
24	0.6	2.8	-0.9	0.8	4.5	559.7	559.9	559.6	90	96	84	SW 2	SSE 2	S 2	2	8	7	1.4	n (24/26) * [$3^3/_4$p
25	-0.6	2.0	0.0	0.5	4.1	558.8	559.1	559.7	90	94	94	S 3	S 3	ESE 3	9	8	9	.	≡ $10^1/_2$a-$2^1/_2$p
26	-0.1	2.2	1.2	1.1	4.6	560.4	560.7	559.9	97	85	84	E 3	E 3	ENE 3	9	9	3	.	
27	1.8	3.7	0.8	2.1	5.4	558.3	560.0	561.4	82	80	91	ESE 2	SSE 1	SE 1	7	7	5	0.2	⌒° 6p, △° $8^1/_2$-$8^3/_4$p
28	1.5	3.1	1.8	2.1	5.3	563.0	564.3	565.6	90	87	95	S 0	SW 0	WSW 2	6	9	6	10.4	n (28/29) ⊼ △ *
29	1.9	3.8	2.6	2.8	5.9	**566.5**	566.3	565.8	92	85	79	NE 1	ESE 2	SSW 2	3	2	1	.	
30	3.4	**4.6**	2.5	3.5	6.5	565.0	564.3	563.1	79	74	75	W 0	SSW 2	SSW 3	1	4	2	.	∠° $7^1/_2$p-n
Mittel	-5.1	-3.3	-5.6	-4.7	—	557.7	558.1	558.4	92	92	94				7.3	7.8	7.0	Summe 253.7	

[*) **6.** $4^1/_4$-$4^3/_4$p *) **13.** ⊹ $10^1/_4$a-3p, ⊹ 4p-n, ☋ III *) **16.** 1p-n *) **17.** △² ⌒ $7^1/_4$p-n *) **19.** $11^1/_4$a-$4^1/_2$, $6^1/_4$p-n, p V, ⊹ $4^1/_4$p-n

April 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$,
$Hb = 2102.9^m$, $G = -0.14\,m/m$.

1	-3.4	-3.4	-5.4	-4.1	-0.1	588.1	588.4	589.4	99	95	96	NW 2	N 2	N 2-3	10*	10*	10*	**67.1**	*², ⊹ ⌒ III-n
2	-7.0	-6.2	-7.5	-6.9	-3.0	589.4	589.4	588.7	96	95	93	N 3	N 3	N 2-3	10*	10≡*	10*	26.0	*² ⊹ ⌒, ≡ II
3	-3.8	-0.6	-2.3	-2.2	1.6	586.2	586.6	587.3	96	86	64	S 1-2	S 2	SSE 1	10*	10≡	8	4.4	* n-$9^1/_4$a, ● op, ≡² II
4	-3.2	-1.5	-3.1	-2.6	1.0	586.1	586.5	584.2	95	95	94	SE 1	S 2	S 1	10*	10*≡	10*	23.0	⊹ * n-2, 6p-n, ≡ II
5	-4.5	-2.0	-4.2	-3.6	-0.1	582.2	583.3	583.2	95	65	97	SE 0	SSE 2	SSE 1	10*	10≡	10*≡	13.5	* I, III, p ≡
6	-3.7	2.4	-4.2	-1.8	1.6	581.8	582.0	581.8	97	39	77	SSE 1	SE 1	SE 1	6≡	3	3	.	≡ I
7	-5.2	4.3	-2.5	-1.1	2.2	580.1	579.8	580.7	73	26	58	N 1	S 1	S 1	1	7	10*	2.5	* 4p-n
8	-2.7	-2.6	-4.4	-3.2	0.0	581.9	582.8	583.5	76	36	80	S 0	NE 0	N 1	8	8	10≡	0.3	≡² III-n, n *°
9	-5.4	-4.6	-6.8	-5.6	-2.5	583.1	584.1	586.1	80	81	80	N 1	N 2	N 2-3	10≡	10≡	10≡	1.0	≡², ⌒ III-n, n *
10	-7.4	-5.4	-6.6	-6.5	-3.5	585.8	585.2	584.2	81	82	90	N 3	N 2	N 2	5	4	10*	10.0	⌒ l, ⊹ * $4^1/_2$p-n
11	-6.8	-5.6	-7.8	-6.7	-3.9	582.3	583.6	581.9	92	92	90	N 4	N 3	NNE 1	10*	10*	10*	26.1	⌒ l, ⌒-p, *², ⊹ II
12	-6.2	-5.5	-15.1	-8.9	-6.2	576.8	**575.5**	577.3	92	60	75	SSE 2	N 2	N 5-6	10*	7	10*	24.2	*² n-op, ⊹ * ⌒ III-n
13	-16.6	-13.8	-17.0	-15.8	-13.2	579.1	580.4	582.1	77	80	79	N 5	N 5	N 4-5	10	10≡	10*	6.6	⌒, ≡ II, ⊹² * $2^3/_4$p-n
14	**-17.7**	-12.6	-13.7	-14.7	-12.2	584.5	585.4	586.2	75	71	81	N 2	N 4	N 4	1	2	3	.	p ⌒
15	-17.4	-11.2	-12.1	-13.6	-11.3	585.4	586.3	587.5	80	66	60	N 2	N 2	N 1-2	0	0	0	.	
16	-9.3	1.4	-5.4	-4.4	-2.2	587.0	587.9	587.7	31	26	51	NNW 1	S 1	S 1	2	1	5	.	
17	-3.5	-1.2	-3.2	-2.6	-0.5	586.6	586.7	587.0	60	70	99	S 1	SSE 2	SSE 1	7	10*	10*≡	7.3	* 11^a-n, ≡² III-n
18	-5.3	-3.7	-4.8	-4.6	-2.6	587.1	588.1	589.6	95	71	79	N 2	N 1	N 0	10≡	3	10	.	≡ I
19	-1.2	2.1	-1.7	-0.3	1.6	590.3	590.4	589.7	50	**23**	61	E 0	SSE 2	SSE 1	9	10	9	2.5	n (19/20) *
20	-1.2	2.3	-1.6	-0.2	1.6	588.7	590.0	591.1	96	71	99	S 0	N 0	N 2-3	10	10	5	.	⌒ III
21	-2.8	3.7	1.5	0.8	2.4	590.9	591.7	592.3	52	37	96	N 0	N 0	N 0	5	7	10≡	.	≡ III
22	1.5	9.6	2.2	4.4	5.9	592.3	592.8	592.2	55	31	100	N 0	E 0	SE 1	2	9	10●≡	4.6	● ≡² $5^1/_2$p-n
23	1.2	4.4	1.6	2.4	3.8	590.7	590.7	590.2	100	61	92	SE 1	SE 0	SE 1	10≡	10≡	10	6.2	≡² I, ≡-p, n *
24	0.5	2.1	-1.4	0.4	1.7	588.5	588.5	588.5	100	82	100	S 1	S 2-3	SSE 2	10≡*	10*	10*	14.1	≡² I, ⌒ II, *
25	-1.2	1.2	0.0	0.0	1.2	588.0	588.5	588.6	100	79	100	S 1	S 2	S 2	10≡*	10*	10*	25.1	≡ I, *²
26	0.6	5.9	2.7	3.1	4.1	589.5	589.4	588.7	66	43	60	SE 1	SE 1	SE 1	10	10	9	.	
27	3.4	8.8	2.0	4.7	5.6	588.0	588.6	590.0	57	38	55	SE 1	SE 1	SE 1	10	10	7	.	
28	-2.4	10.1	2.3	3.3	4.1	591.8	591.7	593.8	46	28	56	SE 0	E 0	N 0	2	5	6	1.5	n (28/29) ● ∠
29	1.4	**11.2**	4.4	5.7	6.4	594.8	**594.9**	594.8	97	29	61	N 1	S 1	S 0	5	7	9	.	
30	4.6	8.3	3.0	5.3	5.9	593.5	592.9	591.9	75	45	80	S 1	SE 2	SE 1	8	8	10	3.0	n (30/1) ●
Mittel	-4.2	-0.1	-3.7	-2.6	—	586.7	587.1	587.3	80	60	80				7.4	7.7	8.5	Summe 269.0	

$\lambda = 7° 26'$, $\beta = 46° 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

Mai 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}		1^{30}		9^{30}		7^{30}	1^{30}	9^{30}		
1	13.0	8.7	4.2	8.6	−1.7	707.6	708.8	712.1	86	89	96	SW	o	SW	2	SW	o	10	10	10●	13.2	↙ II, ● $o^1/_2{}^p$–n
2	4.4	9.6	5.4	6.5	−4.0	711.0	710.1	709.3	97	61	92	S	o	NE	o	E	o	10●	9	5	0.8	●° n–II
3	4.7	8.9	6.7	6.8	−3.8	707.8	706.7	705.4	97	73	91	E	o	NE	1	N	o	4≡	10●	2	.	△ ≡ I
4	5.6	5.7	5.0	5.4	−5.3	703.1	702.7	703.5	91	88	83	SE	o	SW	2	W	o	6	10	10	4.9	● $10^1/_2{}^a$–$5^1/_2{}^p$, ↙ II
5	3.9	8.9	4.7	5.8	−5.0	701.3	700.5	702.0	91	58	94	SW	o	S	o	WSW	o	9	10	10	4.1	● $3^1/_2$–$4^1/_2$, $6^3/_4$–$7^1/_2{}^p$, n
6	4.1	5.2	5.1	4.8	−6.2	703.2	703.6	704.8	93	89	95	SW	o	SW	2	SE	o	10●	10●	10	8.4	● n–II, ↙ II
7	5.6	11.4	7.2	8.1	−3.0	705.0	706.9	708.1	96	43	62	SW	o	NW	o	E	o	10●	3	1	.	● n–I
8	5.2	16.4	11.1	10.9	−0.3	707.8	706.2	706.1	77	42	77	NE	o	NE	1	NE	o	4	7	4	0.1	●° 4–$4^1/_4{}^p$
9	10.1	20.7	14.2	15.0	3.7	706.4	705.5	706.2	84	42	74	SE	o	N	o	NE	o	1	3	8●	.	△ I, ●° III
10	13.3	19.8	8.1	13.7	2.2	707.2	705.2	710.5	76	46	87	SE	o	NW	o	SW	1	7	6	10●	15.5	⛆ ● $4^1/_4$–$5^1/_2{}^p$, ●–n
11	7.2	11.2	7.2	8.5	−3.1	712.1	712.5	714.4	92	53	96	SE	o	N	o	NE	o	10	7	8	5.3	● II–III
12	6.8	15.6	10.6	11.0	−0.7	713.9	712.5	711.9	93	45	72	NE	o	N	1	NE	1	1	5	1	.	△ I
13	8.9	18.2	13.8	13.6	1.7	711.9	711.1	711.5	83	38	65	NE	o	NE	1	NE	1	1	6	9	.	△ I, Ψ III
14	11.6	18.4	14.0	14.7	2.7	712.7	711.2	710.8	76	56	85	NW	o	NE	1	SW	o	9	7	9	0.7	△ I, n ●°
15	11.8	17.2	12.8	13.9	1.8	710.7	709.5	708.9	85	61	93	SE	o	NE	1	NE	o	10	9	8	0.4	●° $8^1/_2$–$9^1/_2{}^a$, Ψ III
16	13.0	20.2	15.4	16.2	4.0	706.2	703.6	703.9	83	59	75	SE	o	E	o	W	1	4≡	8	6	4.8	≡ △ I, n ●
17	11.7	17.0	11.5	13.4	1.0	705.9	704.8	706.3	88	57	86	SE	o	N	o	SW	1	7	8	10●	7.7	⛆ ● $1^3/_4$–$2^1/_2{}^p$, p ●°
18	10.9	11.9	10.8	11.2	−1.3	706.6	707.5	709.8	93	88	76	SW	1	WSW	2	WNW	o	10●	10	10	2.6	● n–II, ↙ II
19	8.2	10.4	6.7	8.4	−4.2	711.4	712.0	714.1	92	39	83	NW	o	SW	o	SW	o	10	10	7	.	
20	8.4	11.7	7.7	9.3	−3.4	715.8	716.2	717.2	75	36	63	SE	o	SE	1	NE	o	1	6	2	.	
21	7.3	16.7	10.7	11.6	−1.3	716.9	715.4	714.3	73	35	59	NE	o	NE	1	NE	o	1	o	1	.	
22	10.5	16.2	11.1	12.6	−0.4	715.0	714.9	718.2	75	53	66	SE	o	W	1	NW	o	1	8	10	.	
23	11.9	15.6	11.8	13.1	0.0	718.5	718.0	718.2	70	37	86	W	o	SW	o	SW	o	2	7	9	0.4	n $(^{23}/_{24})$ ●°
24	11.7	17.1	12.5	13.8	0.6	718.6	718.2	718.7	92	58	82	SE	o	NE	2	NE	o	7	5	2	.	↙ II
25	12.5	20.7	15.6	16.3	3.0	718.5	717.9	718.2	77	45	59	E	o	NE	1	NE	o	1	1	2	.	△ I
26	15.1	24.1	17.6	18.9	5.4	719.2	718.2	718.1	77	38	81	NE	o	SW	o	SE	o	1	2	4	.	△ I
27	16.8	25.1	16.9	19.6	6.0	718.1	716.6	716.5	69	36	66	SE	o	W	2	SW	1	1	3	8	1.7	↙ II, ●° $8^1/_2{}^p$, ◺ III
28	13.8	23.4	15.4	17.5	3.8	716.6	715.3	715.9	96	41	76	E	o	NW	1	SE	o	8	3	3	.	⛆ ● 5–7^a
29	16.2	24.2	18.2	19.5	5.7	715.0	713.5	712.7	70	39	60	E	o	SW	1	S	o	1	1	2	.	△ I
30	18.5	23.1	17.7	19.8	5.8	712.8	712.4	711.6	69	51	62	SE	o	W	1	SE	o	3	8	7	.	●° $1^1/_4{}^p$
31	18.5	26.1	15.3	20.0	5.9	711.5	709.2	711.8	65	40	95	SW	o	N	o	NW	o	2	3	3	14.1	△ I, ⛆ ● ▲ $3^1/_4$–$3^1/_2{}^p$
																					Summe	
Mittel	10.4	16.1	11.1	12.5	—	711.2	710.5	711.3	83	53	79							5.2	6.3	6.2	84.7	

$\lambda = 6° 57'$, $\beta = 47° 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

Mai 1913.
Observatorium.

Tag																						
1	13.4	9.6	5.1	9.4	−2.4	714.9	716.5	719.5	82	69	95	E	1	NW	2	SW	1	10	10	10	6.7	↙ 9^a–$2^1/_2{}^p$, ●–n, ●° $10^1/_2{}^a$–
2	6.0	11.2	7.0	8.1	−3.8	718.4	717.7	716.8	94	72	84	SE	1	SE	1	NW	1	10	8	7	0.5	●° n–$10^1/_2{}^a$, ≡° III-n [p
3	6.7	11.4	7.0	8.4	−3.6	715.4	714.6	712.9	86	56	85	NE	1	NE	2	N	1	7	9	2	.	≡° I
4	5.8	7.7	4.8	6.1	−6.1	710.7	709.5	710.9	94	80	84	NE	1	SW	2	W	2	10	10●	10	6.6	● $9^1/_4{}^a$–n
5	4.9	12.3	6.0	7.7	−4.6	709.0	707.8	709.6	89	55	75	SW	1	SE	1	NW	1	9	6	6	3.1	p ●‿ ↙
6	4.3	5.7	6.4	5.5	−6.9	710.7	711.1	712.2	95	94	88	W	1	SW	1	NW	1	10●	10●	10	17.7	● n–$6^1/_2{}^p$
7	6.2	12.4	7.8	8.8	−3.8	712.7	714.3	715.5	92	43	60	SW	1	SW	1	N	2	10	o	o	.	●° n–$7^1/_2{}^a$
8	7.0	14.8	11.0	10.9	−1.8	715.5	713.9	713.8	75	52	79	E	1	SW	1	NW	o	7	8	6	.	≡° I
9	8.3	20.5	14.2	14.3	1.5	713.8	713.2	713.5	97	50	74	E	1	S	1	NW	1	5	2	7	0.3	≡ 6–$7^1/_2{}^a$, ≡° I, ◺ 9^p, n ●°
10	13.8	21.5	8.8	14.7	1.7	714.6	713.0	718.0	89	53	86	E	1	SE	1	NW	1	8	4	10●	16.9	↙ 3–7^p, ⛆ ● $4^3/_4{}^p$–n
11	7.9	11.5	7.2	8.9	−4.2	719.5	720.0	722.6	91	63	94	SW	1	W	1	N	1	10	9	4	1.2	●
12	4.8	16.4	12.4	11.2	−2.1	721.6	719.6	719.3	100	55	51	E	1	NE	2	NE	2	10≡	2	1	.	≡^{2} n–9^a
13	9.9	18.1	14.9	14.3	0.9	719.4	718.6	719.1	80	58	61	E	2	SE	1	NE	2	o	8	8	.	
14	11.5	18.0	14.8	14.8	1.3	720.2	718.7	718.4	85	59	81	SE	1	SW	1	NW	1	10	8	10	2.0	≡° II, n ●
15	11.5	16.4	12.7	13.5	−0.2	718.2	717.6	716.2	94	79	89	N	1	SW	1	NW	1	10	9	7	1.6	a ●, ●° $3^1/_2$–5^p
16	12.8	19.8	15.8	16.1	2.3	713.8	711.4	711.4	88	65	59	SW	1	E	1	NW	2	2	9	7	2.5	●° ↙ III, n ●
17	13.3	18.2	12.4	14.6	0.7	713.3	712.5	714.0	82	58	83	NE	1	SW	1	SW	1	2	7	7	2.2	⛆ $1^1/_4{}^p$, ●° III, n ●
18	10.2	11.7	11.7	11.2	−2.8	714.2	715.1	717.1	95	91	69	SW	1	SW	1	N	1	10●	10	10	1.7	a ●
19	9.6	11.6	8.9	10.0	−4.2	718.9	719.5	721.2	57	45	47	NW	1	SW	1	N	3	7	10	4	.	↙ III
20	8.3	13.6	9.2	10.4	−3.9	723.5	724.0	724.7	71	48	53	NE	1	SE	1	N	1	o	8	o	.	
21	8.7	18.0	13.4	13.4	−1.0	724.7	723.0	721.9	71	38	44	E	2	E	2	N	1	o	o	o	.	
22	9.9	15.7	11.4	12.3	−2.3	722.6	722.4	725.4	78	57	58	NW	1	NW	3	N	3	2	6	6	.	↙ $11^1/_4{}^a$–n
23	10.7	15.8	12.9	13.1	−1.6	726.1	725.7	725.5	77	48	76	E	1	S	1	N	o	1	8	9	0.2	●° 9^p
24	11.9	20.1	15.8	15.7	0.9	726.0	725.8	726.1	94	52	61	SE	1	E	2	NE	2	10	4	o	.	●° $6^3/_4$–$7^1/_4{}^a$
25	14.7	21.5	18.6	18.3	3.3	725.9	725.5	725.6	71	46	51	E	2	E	2	E	2	o	o	o	.	
26	14.7	24.2	16.5	18.5	3.4	726.8	725.8	725.2	78	48	84	NE	1	S	1	N	1	o	2	2	.	●° 4–$5^1/_2{}^p$
27	15.1	25.2	17.6	19.3	4.1	725.4	723.9	724.5	84	48	68	E	1	SW	1	SW	1	o	5	9	1.2	⛆ ● $6^3/_4$–$7^3/_4{}^p$
28	14.6	21.9	17.0	17.8	2.5	724.2	722.7	723.0	89	61	65	E	1	SW	1	N	1	9	6	o	0.5	●° $5^1/_2$, 8, $11^1/_4{}^a$
29	16.1	25.1	17.9	19.7	4.2	722.5	721.0	720.1	80	49	46	SE	1	S	1	N	1	o	o	o	.	
30	17.8	23.9	19.5	20.4	4.8	720.1	719.8	718.7	72	51	65	E	1	SW	1	N	o	5	7	9	.	
31	16.9	27.3	16.8	20.3	4.6	718.9	716.9	718.8	80	44	80	SE	1	SW	1	NW	1	4	4	2	0.5	●° 3^p
																					Summe	
Mittel	10.6	16.8	12.1	13.2	—	718.8	718.1	718.7	84	58	71							5.9	6.3	5.4	65.4	

Mai 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8^\circ 39'$, $\beta = 46^\circ 53'$,
$H_b = 456.3^m$, $G = 0.05\,m/m$.

Tag	Lufttemperatur 7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst	Luftdruck 7³⁰	1³⁰	9³⁰	Relative Feuchtigkeit 7³⁰	1³⁰	9³⁰	Windrichtung und Stärke 7³⁰	1³⁰	9³⁰	Bewölkung 7³⁰	1³⁰	9³⁰	Niederschlag	Witterung
1	14.6	17.6	7.5	13.2	2.0	717.6	716.0	721.7	67	66	95	NE 0	NW 0-1	NW 0-1	10	10	10●	9.7	● 5½p–n
2	6.7	11.0	8.1	8.6	−2.8	721.0	720.0	719.5	91	51	84	SE 0	N 0-1	NW 0	10●	10	10●	0.4	●° I, III
3	8.2	11.0	9.7	9.6	−1.9	717.8	716.9	714.8	85	65	78	E 0	NW 1	NW 0	9	9	10	0.1	
4	9.8	14.2	6.0	10.0	−1.6	713.1	**709.7**	713.6	84	48	99	E 0	NNE 3	NW 0	6	10	10●	3.5	↙ 0¾p–p, ● 5p–n
5	6.0	9.8	6.9	7.6	−4.1	711.2	710.9	711.4	90	52	90	E 0	N 1	NW 0	10	9	10●	1.1	● III
6	7.0	9.6	**5.8**	7.5	−4.4	712.8	713.0	714.8	80	60	100	NW 0	N 1	N 0	10	10	10●	11.1	● III–n
7	6.7	11.2	7.6	8.5	−3.5	714.7	717.2	718.5	96	77	90	SE 0-1	NW 0	NW 0	10●	8	10	1.2	● I
8	8.7	14.2	10.3	11.1	−1.0	717.0	716.6	715.9	79	45	96	SE 0	N 0	SE 0	0	4	0	0.4	⌴ I, ●° 5¾p
9	8.9	13.8	14.8	12.5	0.3	716.5	715.8	716.2	100	55	66	E 0	NW 0	SE 0-1	4	2	0	.	
10	10.6	19.0	11.7	13.8	1.5	717.4	714.5	719.5	83	50	65	N 0	N 1	N 3	0	2	10	18.7	↙ 6½p–n, ● 10p–n
11	6.2	9.2	7.8	7.7	−4.8	722.7	723.9	724.5	88	62	100	NW 0-1	N 0	NW 0	10●	10●	10	4.3	● n–II
12	8.3	16.0	9.8	11.4	−1.2	724.4	722.5	722.4	87	44	79	NE 0	N 0-1	SE 0	1	3	0	.	
13	8.6	16.5	12.6	12.6	−0.1	722.0	721.2	721.4	88	52	89	E 0	NW 0-1	NW 0	0	5	3	.	
14	11.3	20.6	17.0	16.3	3.5	722.6	721.2	721.1	88	33	34	E 0	SE 2-3	S 3	5	4	10	.	p n ↙
15	17.8	20.2	18.4	18.8	5.9	720.1	719.8	718.7	39	35	35	S 3-4	SE 3-4	S 3-4	10	10	10	.	↙
16	19.6	23.6	18.3	20.5	7.5	716.2	715.2	713.4	36	31	36	S 3-4	SE 3-4	S 2	2	4	9	.	↙ n–p
17	15.7	22.7	13.0	17.1	3.9	716.5	714.0	716.3	67	29	69	NE 0	S 2-3	N 0-1	8	6	3	.	↙ 9¼a–p
18	11.8	15.9	11.0	12.9	−0.4	716.5	716.0	719.7	85	60	96	E 0	N 0	NE 0	10	10●	10	6.7	● 7½a–p
19	9.0	9.5	7.2	8.6	−4.8	721.1	722.1	724.5	85	85	75	NW 0-1	NW 0-1	N 2	10●	10●	10●	6.7	●, ↙ III
20	8.6	12.3	6.4	9.1	−4.4	725.7	726.3	727.4	77	40	85	NE 0	NW 0-1	NE 0	6	5	0	0.2	a ●°
21	7.8	16.3	10.2	11.4	−2.2	727.3	725.2	724.5	69	45	80	E 0	NW 0-1	SE 0	0	0	0	.	
22	13.1	17.3	10.0	13.5	−0.2	723.4	723.7	728.1	62	44	99	SE 0	NW 2	NW 0	0	10●	10●	16.6	p ●, K 5¾p
23	9.7	14.3	12.3	12.1	−1.7	728.5	727.6	728.0	95	51	65	E 0	NW 1	NW 0	7	10	10	3.5	
24	11.4	13.8	10.0	11.7	−2.2	728.4	**729.6**	729.4	99	82	100	NE 0	N 0	NW 0	10●	10	2	5.8	n a ●
25	11.9	19.9	14.2	15.3	1.3	728.5	727.7	728.2	89	52	89	NE 0	NE 0-1	SE 0	0	1	0	.	
26	12.8	21.5	18.2	17.5	3.3	729.2	728.2	727.8	84	50	75	E 0	N 0	E 0	0	3	10	.	
27	16.3	24.0	18.8	19.7	5.4	727.8	726.0	726.5	75	45	83	E 0	NW 1	SE 2	1	5	10●▲	**32.9**	K² ●² ▲ 9½p–n
28	14.9	20.2	14.4	16.5	2.1	725.7	725.6	726.0	93	55	86	N 2-3	SE 0	SE 0	10●	8	3	1.9	● ↙ I
29	15.1	27.6	18.6	20.4	5.9	724.5	722.6	722.7	79	46	54	N 0	NW 2	SE 1-2	1	0	0	.	
30	21.0	27.6	18.2	22.3	7.7	722.1	722.0	722.3	45	35	59	E 0-1	SE 4	SE 0	1	4	4	2.5	↙ 8¼a–p, ● 5–6¼p
31	21.9	**30.0**	18.0	23.3	8.6	720.8	720.5	721.9	45	**27**	75	SE 1-2	SE 4	S 2-3	6	3	0	.	↙ II, p ↙
Mittel	11.6	17.1	12.0	13.6	—	721.1	720.4	721.3	78	51	78				5.4	6.3	6.3	Summe 127.3	

Mai 1913.
Observatorium.

Genf.

$\lambda = 6^\circ 9'$, $\beta = 46^\circ 12'$,
$H_b = 405.0^m$, $G = 0.02\,m/m$.

Tag	Lufttemperatur 7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst	Luftdruck 7³⁰	1³⁰	9³⁰	Relative Feuchtigkeit 7³⁰	1³⁰	9³⁰	Windrichtung und Stärke 7³⁰	1³⁰	9³⁰	Bewölkung 7³⁰	1³⁰	9³⁰	Niederschlag	Witterung
1	13.0	7.0	4.4	9.0	−2.1	721.3	725.4	727.3	75	85	90	SW 1	SW 1	ESE 0	10	10●	6	13.2	● 9¼a–7½p
2	**4.2**	11.8	7.8	7.1	−4.1	725.6	724.5	723.7	97	50	81	SW 1	NW 1	N 1	6	8	1	.	
3	6.4	11.8	8.4	8.3	−3.1	722.5	720.7	719.7	91	54	92	S 0	N 1	WNW 0	5	5	10	3.7	n (3/4) ●
4	9.8	7.5	5.8	7.6	−3.9	718.0	717.1	718.9	57	88	79	SW 1	SW 1	SSE 1	10	10	10	**19.3**	● 7¾–10½a, K ▲ 0p, ● ✳ 11¼p–n
5	4.4	9.5	6.4	6.7	−4.9	716.0	**715.3**	716.2	97	53	76	SSE 0	SW 1	NNE 0	7	8	0	0.7	n (5/6) ●°
6	4.5	8.2	6.8	5.9	−5.9	718.7	718.9	719.2	92	74	85	SE 0	SE 1	E 1	10●	10	9	0.2	●° 7½a
7	8.4	14.8	8.8	9.9	−2.1	720.5	721.0	721.6	78	43	73	W 1	SE 1	NNE 1	9	5	0	.	
8	6.6	12.0	11.0	9.2	−2.9	722.0	720.8	720.0	81	40	70	SSE 1	N 0	N 0	7	9	0	.	⦶ 8¼–11a
9	8.8	16.2	16.8	13.1	0.9	720.4	719.8	720.5	68	52	66	W 0	NNE 1	SW 1	0	1	9	.	
10	13.4	21.2	8.6	13.6	1.2	721.6	719.9	725.9	82	50	90	SW 0	NW 1	SSE 0	2	6	10●	8.7	↙ 3¾p, K 4¼p, ● 4–10½p
11	8.4	11.4	8.4	9.6	−2.9	727.2	727.4	729.0	87	57	88	W 1	N 1	NE 0	9	8	1	.	⌒ 6¾p
12	6.8	13.4	12.0	10.1	−2.5	728.6	727.3	725.7	87	54	74	E 1	NNE 1	N 0	3	3	0	.	
13	11.0	16.2	12.2	12.5	−0.3	726.2	725.7	725.9	77	54	80	NW 0	NW 1	S 0	7	9	9	0.2	n (13/14) ●°
14	11.5	15.9	14.2	13.8	0.9	726.9	725.2	725.6	91	60	92	N 0	NW 1	W 0	10	10	10●	3.2	● 9½p, n
15	12.0	16.4	12.2	13.5	0.4	725.5	723.9	722.8	98	68	90	S 0	NNE 0	SSW 0	10●	10	10	3.3	● 7½a, n
16	10.4	19.0	14.8	13.9	0.7	720.3	717.9	719.6	98	61	56	S 0	NW 1	SSW 1	8	5	7	.	●° 10½a, K 7¾–9p
17	12.4	17.6	13.4	13.6	0.3	720.1	719.8	721.1	82	54	71	SSW 1	NW 1	SSW 1	4	8	6	2.2	n (17/18) ●
18	11.4	15.8	11.0	12.2	1.3	721.6	722.7	724.7	86	66	88	S 0	S 1	SW 0	10●	7	9	1.9	● 7½–10½a, 4½, 7½p
19	11.0	14.8	13.0	12.2	−1.4	725.8	726.5	728.5	61	45	45	NNE 1	NNE 1	NNE 1	6	8	4	.	
20	7.4	13.4	10.2	9.4	−4.4	730.6	730.8	730.9	74	40	58	W 1	NNE 1	NNE 0	1	2	3	.	⌓ I
21	9.2	15.4	15.0	11.6	−2.3	731.6	730.0	729.0	65	33	42	W 1	NNE 1	N 0	0	0	0	.	⌓² I
22	12.8	18.4	12.4	13.3	−0.7	730.2	730.1	733.0	68	48	60	W 0	SW 1	N 1	3	5	5	.	⌓ I
23	10.8	16.8	14.8	13.7	−0.4	733.4	732.5	732.4	70	35	68	N 0	NNW 1	NE 0	1	3	8	.	
24	13.6	17.8	15.2	15.3	1.0	732.8	732.0	731.6	80	53	67	N 1	NE 2	NNE 2	4	5	0	.	p ↙
25	13.2	18.8	18.0	16.1	1.7	732.9	732.6	732.3	87	47	62	N 1	N 1	N 0	2	2	0	.	
26	16.0	21.8	19.4	18.6	4.0	**733.7**	732.6	732.2	73	59	60	S 0	NNE 0	SW 0	0	0	0	.	⌓ I
27	18.0	**27.4**	16.0	19.0	4.3	732.7	731.1	730.5	65	33	77	E 0	SW 1	E 1	0	6	9	12.2	⌓ I, K 6¾p, ● 7–9¼p
28	16.5	21.0	18.0	17.7	2.9	730.7	729.2	729.1	76	62	64	E 0	NNE 1	N 0	1	4	1	.	
29	15.2	22.2	19.8	17.8	2.7	729.4	728.1	727.0	84	48	61	SW 0	NNE 1	NNE 1	4	1	0	.	⌓² I
30	18.6	26.5	21.8	21.4	6.3	727.0	726.2	725.3	73	**30**	61	W 0	SW 1	S 0	6	5	7	.	
31	17.4	25.8	19.4	20.1	4.9	725.5	724.1	725.5	84	37	66	N 1	SW 1	NNE 0	1	10●	6	0.2	●° 1½, 3¼p, n
Mittel	11.1	16.3	12.8	12.8	—	725.8	725.1	725.6	80	53	72				5.0	5.9	4.8	Summe 69.0	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7³⁵ᵃ, 1³⁵ u. 9³⁵ᵖ.

$\lambda = 8° 33'$, $\beta = 47° 23'$,
$H_b = 493.2^m$, $G = 0.08\,{}^m/_m$.

Zürich.

Mai 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	7h30	1h30	9h30	7h30	1h30	9h30	7h30	1h30	9h30	7h30	1h30	9h30		
1	14.5	13.3	4.8	10.9	0.2	715.0	714.3	718.7	74	73	87	W 1	W 1	S 2	4	9	10●	3.7	p ⌿ ●°, ● $6^3/_4$p–n
2	5.4	8.6	6.0	6.7	−4.1	717.9	717.3	716.7	93	74	92	W 0	NW 0	S 0	10●	10	4	0.9	● n–8^a, ●° 9^a–$3^1/_2$, $5^3/_4$p
3	6.4	11.1	6.9	8.1	−2.8	715.3	713.8	712.6	87	60	87	NE 1	NE 1	NE 0	9●	10	2	0.1	●° n–$8^1/_2{}^a$
4	6.6	12.4	6.2	8.4	−2.7	710.7	**708.2**	710.6	87	56	71	NE 0	SW 2	SW 1	3	9	10	5.8	p ⌿, ● $1^3/_4$–7p
5	5.2	8.1	5.2	6.2	−5.0	708.9	708.3	709.0	82	71	90	SW 0	S 1	SW 0	9	8	9	3.3	●° $9^1/_2$–$10^1/_2{}^a$, ● △ o– *)
6	5.8	6.2	5.8	5.9	−5.4	710.0	710.4	711.5	83	79	92	SW 1	SW 1	SW 1	10●	10●	10●	3.4	● $5^1/_4{}^a$–n
7	6.8	10.7	6.6	8.0	−3.5	711.8	713.8	715.9	83	50	67	SW 1	NW 1	E 1	10	7	2	0.2	●° n–$9^1/_2{}^a$, a ⌿
8	**4.3**	16.6	11.7	10.9	−0.7	715.3	713.7	713.4	81	43	72	E 0	NE 1	NE 0	1	2	5	0.1	⌊° l, ●° $7^1/_4$–$7^1/_2$p
9	8.8	20.6	15.3	14.9	3.1	713.6	712.7	712.9	82	49	67	SW 0	E 1	NE 1	4	1	1	.	●° 7^a
10	12.4	21.8	8.8	14.3	2.4	714.4	712.3	716.7	77	47	86	E 0	N 1	W 2	1	3	10●	**13.3**	●° $4^1/_2$–5p, ● ⌿ $7^3/_4$–$9^3/_4$p
11	6.0	8.3	6.9	7.1	−4.9	718.8	719.8	721.2	97	83	87	SW 1	SW 1	SW 0	10●	10●	8	5.0	● 1^a–2p, ●° $4^1/_2$–$4^3/_4$p
12	7.0	16.0	9.2	10.7	−1.5	721.3	720.1	719.5	90	52	77	E 0	NE 1	W 0	2	6	0	0.2	●° $2^3/_4$p
13	7.0	17.6	13.8	12.8	0.5	719.2	718.7	718.8	90	49	65	NE 1	NE 1	NE 1	3	1	2	.	
14	10.2	20.0	14.0	14.7	2.2	719.7	718.2	717.6	74	49	73	NE 1	NE 1	NE 0	4	4	9	.	
15	12.5	18.8	15.2	15.5	2.9	718.1	716.9	716.1	77	57	78	NE 0	N 1	NW 1	9	8	10	.	●° 9p
16	13.6	24.0	17.3	18.3	5.6	713.5	711.3	710.3	81	50	44	W 0	NE 1	SE 1	1	8	3	0.9	⌿ ⌿ III [$5^1/_2$p, ●° III
17	12.0	21.0	11.4	14.8	1.9	713.7	711.9	713.1	78	45	94	S 1	E 0	E 0	9	5	9●	7.5	● n–$7^1/_4{}^a$, ⌿ ● ▲° ⌿ $4^1/_4$–
18	12.4	14.0	9.6	12.0	−1.0	713.1	713.3	716.8	69	74	91	SW 2	W 1	W 1	8	10●	10●	9.5	⌿ 3^a–a, ● $10^1/_4{}^a$–$3^1/_2$, 6–
19	7.8	8.6	5.5	7.3	−5.9	718.4	719.3	721.1	87	68	89	SE 1	SW 1	E 0	10●	10	8	0.5	●° $2^1/_4{}^a$–o, 2–$2^3/_4$p [10p
20	6.9	15.0	7.0	9.6	−3.7	723.0	723.5	724.4	74	38	70	NW 1	NW 1	E 1	3	3	0	.	
21	6.6	17.2	11.8	11.9	−1.6	724.7	723.2	721.5	77	**37**	49	E 0	E 1	NE 1	0	1	0	.	
22	9.0	18.8	11.9	13.2	−0.4	721.6	721.0	724.9	80	57	62	NE 0	NW 1	NW 0	4	7	9	1.9	⌿, ●° $0^1/_4$–1p, ● 2–$2^1/_2$p
23	10.8	14.2	11.0	12.0	−1.7	725.6	725.1	725.2	71	52	91	NW 1	W 1	SE 1	9	10	10●	1.0	● $5^3/_4$p–n
24	11.2	18.6	12.2	14.0	0.1	725.5	725.9	**726.5**	100	64	85	W 1	S 1	NE 1	10●	7	3	1.0	● 6–$9^1/_2{}^a$, $0^3/_4$–$3^3/_4$p
25	12.3	22.5	15.6	16.8	2.8	726.0	725.4	725.4	84	47	66	NE 0	E 1	NE 1	1	2	0	.	
26	13.1	25.6	18.6	19.1	5.0	726.2	725.2	724.5	81	40	71	E 0	NW 1	W 0	0	1	4	.	
27	16.6	26.4	19.1	20.7	6.4	724.6	722.9	722.4	69	38	65	W 0	W 1	NW 0	1	2	4	2.5	p n ⌿, ◁ 9p–n
28	13.8	24.1	16.2	18.0	3.6	723.6	721.8	722.6	95	52	72	W 0	W 1	E 0	10●	3	3	2.3	● $6^1/_2$–$8^1/_2{}^a$, ⌿, ◁ 9p
29	15.0	27.0	18.0	20.0	5.5	722.3	720.2	719.5	78	**37**	63	W 0	E 1	NE 0	3	1	1	.	[$5^1/_4$p
30	17.4	**28.8**	15.0	20.4	5.8	719.7	718.8	718.8	74	38	86	SE 0	NW 1	E 1	1	7	1	1.3	● $2^3/_4$–$5^1/_4$p, ◁ $4^1/_2$p, ⌿–
31	16.1	26.6	15.6	19.4	4.7	718.6	716.9	719.0	77	40	87	NW 1	NE 1	N 1	4	1	2	0.1	⌿ $5^1/_2$p, ⌅° ●°–$5^3/_4$p
																		Summe	[$7^3/_4$p
Mittel	10.1	17.5	11.4	13.0	—	718.4	717.5	718.3	82	54	77				5.3	5.7	5.1	64.5	*) **5.** $0^1/_2$p, ● $2^3/_4$–$3^3/_4$, $7^1/_2$–

$\lambda = 8° 30'$, $\beta = 47° 3'$,
$H_b = 1787.3^m$, $G = -0.11\,{}^m/_m$.

Rigi-Kulm.

Mai 1913.
Beobachter: Frl. *H. Bütikofer.*

1	5.0	8.6	−2.6	3.7	1.7	612.0	611.1	611.8	97	62	100	E 1	SW 1	W 2	10≡	10	10*	13.4	≡ I, ≡°–II, ✳ III–n ⊠
2	−3.0	0.8	−2.4	−1.5	−3.7	611.4	611.5	611.4	100	97	97	W 0	W 0	E 0	10*	10≡	5	0.8	✳° I, ≡ II ⊠
3	−1.0	4.6	−0.4	1.1	−1.2	609.2	608.7	608.4	97	100	60	E 2	SE 0	E 0	10≡	10≡	3	.	≡ n–II ⊠
4	1.4	0.4	−4.4	−0.9	−3.3	606.2	604.6	605.1	72	100	100	SE 0	W 3	W 3–4	5	10*	10	5.8	p ⌿ ✳ ⊠
5	**−4.8**	−2.4	−3.8	−3.7	−6.2	602.9	**602.7**	603.5	100	100	100	W 0	NE 0	NE 0	10≡	10≡	3	7.0	≡ n–II, ✳ 8^a, n ⊠
6	−3.0	−1.0	−2.0	−2.0	−4.7	604.1	603.5	606.1	100	100	100	W 1	W 2	W 3	10≡	10*	10*	9.3	≡ I, p ✳, ⌿ III ⊠
7	−1.2	0.0	−2.4	−1.2	−4.0	607.6	608.3	610.4	100	100	80	NW 0	W 1	E 0	10≡	10≡	10	0.8	≡ ✳° n–II ⊠
8	−0.4	5.4	5.0	3.3	0.4	610.1	610.2	610.8	61	45	75	SE 2–3	S 1–2	S 1	3	3	8	.	⌿ I ⊠
9	6.4	10.2	6.9	7.8	4.8	610.6	610.8	611.4	62	56	71	SE 0–1	SE 0	SE 0	3	1	3	1.9	● III
10	6.5	11.4	0.0	6.0	2.9	611.4	610.9	611.1	75	85	100	SE 1	SE 1	W 4	5	3	10●△	**26.6**	●² ✳² △² $6^1/_2$p–n, ⌿ III
11	−2.8	−1.0	−1.0	−1.6	−4.9	612.1	613.7	615.4	100	100	100	NW 2	NW 1	NW 1	10*	10*	10≡	3.7	✳ n–II, ≡ III ⊠
12	−0.2	3.7	1.4	1.6	−1.8	615.3	615.6	615.2	100	80	96	E 0–1	NE 1	E 0	3	7	1	.	
13	5.5	6.7	4.6	5.6	2.1	614.4	615.0	615.5	47	50	95	S 0–1	NW 0	SE 1	3	3	1	.	
14	6.8	9.6	6.2	7.5	3.9	615.3	615.4	615.3	60	51	55	S 1	S 3	S 3	5	7	9	.	p n ⌿
15	7.0	9.4	7.5	8.0	4.3	614.8	614.4	613.8	51	51	52	S 3	S 3–4	S 4	10	10	8	.	a ⌿, p n ⌿
16	9.2	11.0	8.8	9.7	5.8	611.4	610.5	609.7	49	**44**	47	S 4	S 4	S 4	1	8	5	1.4	⌿, n ●
17	3.2	10.0	3.8	5.7	1.7	609.7	609.6	610.3	100	72	90	S 0–1	S 2	W 1	10	3	5	3.4	
18	3.0	4.0	2.0	3.0	−1.1	609.9	610.3	612.5	100	100	100	W 2	W 2	W 1	10●	10●	7≡	22.1	● n–p, ≡ III
19	−1.4	−2.1	−2.2	−1.9	−6.1	612.6	613.2	614.5	100	100	95	W 0–1	W 0–1	NW 1	10*	10*	10	12.9	✳ n–p ⊠
20	−2.2	−0.4	−0.8	−1.1	−5.4	616.0	617.2	618.3	100	75	67	W 0	NW 1	NE 1	10⊐	7	1	.	≡ I
21	1.0	5.6	4.7	3.8	−0.7	618.0	618.2	617.8	56	58	67	E 1	SE 1	SE 0	0	0	1	.	
22	4.8	5.8	0.7	3.8	−0.8	617.2	617.3	619.4	74	84	100	NW 2	E 1	NW 2	3	10	10*△	2.8	✳ △ III
23	1.6	2.0	2.7	2.1	−2.6	619.3	619.7	620.1	72	100	100	W 1	NW 0–1	W 2	7	10	10≡	10.0	p ≡°, ≡ III–n
24	3.7	6.4	4.0	4.7	−0.1	620.2	621.1	621.6	100	100	100	SE 1–2	NE 1	E 0	10●	10≡	0	5.5	n a ●, ≡ II
25	5.9	9.2	7.8	7.6	2.7	620.7	621.7	622.2	60	81	90	E 4	E 0–1	E 0	3	5	0	.	⌿ I
26	9.4	13.2	10.2	10.9	5.8	622.5	622.8	**623.0**	81	73	100	NW 0–1	SE 0	NW 0	0	5	7	.	
27	10.8	14.0	10.8	12.9	7.7	622.4	621.9	620.8	68	61	85	W 1	W 1	W 1	1	5	10	1.1	
28	6.2	11.2	8.8	8.7	3.4	619.9	619.8	620.1	100	75	80	SE 2	W 2	W 0–1	10●	3	0	9.5	n a ●
29	9.4	14.8	12.2	12.1	6.7	619.4	619.5	619.2	60	53	55	E 4	SE 0–1	W 4	3	0	0	.	⌿ l, III
30	12.8	15.0	11.8	13.2	7.7	618.3	618.5	618.3	50	85	50	SE 2	NW 0–1	SE 0–1	0	7	3	8.9	⌅ ● 4p
31	12.4	**15.6**	10.4	12.8	7.1	617.0	616.6	616.7	45	45	74	SE 4	SE 4	SE 2	3	0	0	.	⌿ n–II
																		Summe	
Mittel	3.6	6.5	3.5	4.5	—	613.9	614.0	614.5	79	77	83				6.1	6.7	5.5	146.9	

Mai 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$H_b = 1712.6^m$, $G = -0.12^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	6.4	5.2	3.8	5.1	1.8	618.8	618.0	616.6	86	81	90	NE 1	W 2	W 2	6	10●	10●	**13.0**	● 1p–n [$2^3/_4$, $6^1/_2$p]
2	0.1	6.6	1.2	2.6	−0.8	615.6	615.4	616.1	90	56	95	N 1	W 3	SW 1	10*	7	5	0.3	✳ n–I, 🌧 II, △° $2^1/_2$–
3	2.1	5.0	1.3	2.8	−0.8	614.8	613.7	613.6	91	62	94	NE 1	SE 2	NE 1	8	8	10	2.0	△
4	0.2	8.0	1.0	3.1	−0.7	611.9	610.1	609.5	80	44	90	E 0	S 3	W 1	1	8	10*	12.9	🌧 II, ✳ III–n
5	**−3.7**	0.3	−1.5	−1.6	−5.5	608.0	**607.6**	608.3	94	62	71	N 1	N 0	N 1	10*	10*	10	2.9	✳ n–II
6	−1.2	4.2	0.1	1.0	−3.1	609.3	609.7	611.2	81	43	69	N 1	W 1	NE 1	10*	8	2	.	✳° I
7	0.5	5.2	0.4	2.0	−2.3	611.5	613.1	616.1	84	54	59	N 1	W 2	NE 1	9*	10	2	.	✳° I
8	−2.1	11.0	5.0	4.6	0.2	616.9	616.2	617.2	79	38	66	E 1	SW 2	W 1	0	5	10	.	
9	3.0	13.8	4.5	7.1	2.5	616.9	616.1	617.1	88	43	79	S 0	SW 2	W 1	3	4	0	.	
10	3.7	14.6	6.8	8.4	3.6	617.6	616.6	617.8	90	45	81	SW 1	SW 2	W 1	0	4	6	4.0	n ($^{10}/_{11}$) ✳
11	1.8	1.8	1.4	1.7	−3.3	616.3	617.7	619.8	85	84	75	W 3	W 1	W 1	10*	10*	10	2.8	🌧 I, ✳ 7^a–p
12	1.7	8.0	1.8	3.8	−1.3	620.3	620.2	620.8	85	52	66	N 2	SW 3	W 1	10	5	0	.	🌧 II
13	−0.5	10.6	3.4	4.5	−0.8	621.3	620.3	622.9	88	55	82	N 0	S 2	W 1	10	7	2	.	
14	5.8	9.4	5.4	6.9	1.5	622.2	622.1	622.8	85	57	79	S 1	SW 2	W 1	3	9	10	1.5	n ($^{14}/_{15}$) ●
15	4.6	12.6	5.2	7.5	1.9	622.8	621.9	621.7	94	59	85	S 1	W 1	NE 1	10	10	8	1.3	n ($^{15}/_{16}$) ●
16	6.0	10.1	4.9	7.0	1.2	620.9	619.9	617.1	98	69	88	S 1	S 2	W 1	10	10	10	9.3	≡° I, ⌒ $5^1/_4$p, ● 4p–n, n 🌧
17	5.2	9.4	4.0	6.2	0.3	616.5	616.7	617.2	79	58	85	W 1	W 2	W 1	7	8	10	.	
18	5.4	10.6	4.8	6.9	0.8	616.1	615.9	617.3	85	55	91	SW 1	W 3	W 1	10●	4	10●	0.4	●° I, III, 🌧 II
19	4.8	7.9	1.2	4.6	−1.7	617.3	616.1	619.2	86	58	65	N 0	SW 4	N 3	10	9	10	0.3	🌧 II, p 🌧, n ●°
20	0.8	3.8	0.4	1.7	−4.7	620.4	621.2	623.5	50	45	55	N 2	NE 3	N 1	7	7	10	.	🌧 II
21	0.5	10.8	4.4	5.2	−1.4	623.5	622.4	623.0	69	**30**	49	N 2	SW 3	NE 1	0	0	0	.	⌊ I, 🌧 II
22	2.2	11.4	4.2	5.9	−0.8	622.2	621.5	623.6	76	38	87	W 0	NW 3	W 1	1	10	10	2.2	⌊ I, 🌧 II, ● III
23	4.4	9.0	3.8	5.7	−1.2	623.6	623.7	624.0	57	47	61	N 2	NE 3	NE 2	6	7	8	2.8	
24	5.2	9.4	4.8	6.5	−0.5	623.1	625.2	627.0	94	71	64	N 0	NE 2	W 1	10●	10	0	1.2	n a ●
25	3.0	16.0	7.5	8.8	1.6	627.1	626.1	627.7	85	38	60	NE 0	W 2	W 1	0	0	0	.	
26	6.0	**18.6**	8.0	10.9	3.6	**628.5**	627.4	628.2	81	**30**	74	NE 0	S 1	W 1	0	0	0	.	
27	7.6	17.8	10.1	11.8	4.3	627.7	626.5	626.4	88	35	68	W 0	SW 2	NE 1	1	3	8	2.2	● $6^1/_2$–$6^3/_4$p, ≺ III
28	8.6	14.6	5.7	9.6	2.0	624.9	624.8	625.3	91	47	84	SW 1	W 1	W 1	8	5	3	0.7	●° 10^a
29	6.8	17.8	9.1	11.2	3.5	625.9	624.7	625.6	88	35	64	S 0	S 2	W 1	3	0	0	.	
30	7.6	16.0	10.0	11.2	3.4	625.7	623.6	624.8	86	50	78	S 1	S 2	W 1	2	9	3	.	≺ III
31	11.0	16.8	11.6	13.1	5.1	624.3	623.1	623.9	81	44	75	SW 1	SW 3	W 1	4	7	10	.	🌧 II
																		Summe	
Mittel	3.5	10.2	4.3	6.0	—	619.7	619.3	620.2	84	51	75				5.8	6.6	6.0	59.8	

Mai 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$H_b = 540^m$, $G = 0.00^m/_m$.

1	12.9	14.1	6.0	11.0	−1.3	710.2	709.1	715.1	87	65	80	S 0–1	SW 3–4	SW 1	10	10	10	**7.7**	🌧 II, ● $3^1/_2$p–n
2	6.4	12.5	8.1	9.0	−3.5	713.0	711.8	710.8	90	52	80	SSW 0	S 1	W 0	10	10	5	.	
3	7.5	12.2	9.2	9.6	−3.0	710.3	708.8	707.9	89	60	70	SW 1	S 1	SW 0	10	4	0	.	
4	7.4	13.0	7.4	9.3	−3.4	706.5	704.8	708.9	91	61	65	E 0	SW 1	NE 0–1	6	9	0	.	
5	6.3	13.5	**5.9**	8.6	−4.3	703.6	**701.3**	703.8	78	41	72	SW 0	SW 1–2	SW 0	5	2	1	.	p 🌧
6	6.6	11.2	6.1	8.0	−5.0	706.1	706.3	706.9	76	65	89	E 0	SW 0–1	SW 0	10	9	4	0.3	●°
7	6.0	15.0	9.1	10.0	−3.1	707.9	707.6	707.8	100	45	53	SW 0	SW 1–2	NE 0–1	10●	2	0	0.1	●° I
8	8.1	20.0	12.0	13.4	0.1	710.6	707.4	707.6	66	38	65	SE 0	SE 0	NE 0	0	4	0	.	
9	10.4	22.0	15.2	15.9	2.5	708.4	707.0	707.7	75	40	54	NE 0	SW 0–1	NE 0	0	2	0	.	
10	12.8	22.7	8.6	14.7	1.2	710.0	707.1	711.2	65	39	100	NE 0–1	SW 1	SW 0	0	1	10●	5.8	● 4p–n
11	7.5	14.0	9.7	10.4	−3.2	714.2	714.2	716.4	90	39	70	SW 1	SE 1	W 0	10	10	8	.	
12	8.6	17.0	12.6	12.7	−1.1	716.6	714.2	713.7	73	39	65	NE 0	SW 1	E 0	1	0	0	.	
13	11.4	19.0	14.2	14.9	1.0	714.6	712.4	713.9	62	45	75	E 0	SW 1	SW 0–1	0	7	6	.	
14	12.2	19.1	13.8	15.0	1.0	714.8	713.8	715.6	90	33	61	SW 0–1	E 1	SW 0	9	10	10	0.8	●° 8p
15	11.8	20.4	15.6	15.9	1.8	715.0	712.1	712.7	85	36	43	E 0	E 1	E 0	10	10	3	.	
16	15.5	21.4	15.7	17.5	3.2	710.4	707.1	708.2	65	34	49	S 1	E 2	NE 2	3	2	5	.	
17	13.4	19.5	13.4	15.4	1.0	708.7	708.0	709.1	71	38	80	SE 1	SSE 0	SW 0–1	2	10	5	3.6	
18	12.0	17.5	13.0	14.2	−0.3	710.0	708.4	710.6	90	57	55	SE 0	SW 1–2	SW 0	8●	10	8	0.1	● n–I, ●° $3^1/_2$p
19	11.9	14.9	10.0	12.3	−2.3	712.6	712.5	714.3	66	44	52	SW 0–1	SW 4	SW 1	7	9	9	.	🌧 II
20	9.0	17.2	10.1	12.1	−2.7	718.1	716.3	717.7	57	**31**	47	S 0	SW 0–1	E 0	0	0	0	.	
21	9.0	18.6	14.2	13.9	−1.0	719.3	716.5	715.3	61	42	53	SE 0	S 1–2	E 0	0	0	0	.	
22	11.3	20.7	12.2	14.7	−0.3	717.7	715.2	717.8	70	43	65	SW 0	SW 1–2	SW 0–1	0	7	4	.	p ●°
23	12.2	19.4	14.8	15.5	0.4	720.6	718.2	718.9	65	37	52	SW 0–1	SW 2–3	SW 1–2	0	4	8	.	🌧 II
24	15.1	22.7	16.2	18.0	2.7	720.1	718.1	719.2	65	40	55	SW 0–1	SW 1–2	NE 0	2	1	0	.	
25	13.9	22.5	17.8	18.1	2.7	720.8	719.0	720.0	66	46	64	S 1	SW 1–2	NE 0	0	0	0	.	
26	15.6	25.3	19.6	20.2	4.7	**722.2**	719.9	720.3	69	48	61	E 0	SW 1	NE 0	0	0	3	.	●° $8^1/_2$p
27	15.7	**27.0**	19.5	20.7	5.1	721.5	718.9	719.3	65	43	50	E 0	W 0–1	SW 2–3	0	3	10●	0.4	●° $4^1/_2$p, ●° 🌧 III
28	14.1	20.9	16.9	17.3	1.6	719.9	718.2	718.0	100	46	57	S 0	E 0	NE 0	10●	7	0	0.7	●° 6–8, 11^a, 3^p
29	15.3	25.6	19.0	20.0	4.2	718.6	715.8	715.9	66	38	50	E 0	S 1	NE 0	1	0	0	.	
30	18.1	23.1	18.2	19.8	3.8	716.9	715.3	715.9	57	52	68	S 0	S 0–1	NE 0	0	10	5	.	●° 2p
31	18.2	26.8	19.0	21.3	5.2	715.1	713.9	713.8	63	33	67	E 0	E 2	SW 0	0	3	2	.	
																		Summe	
Mittel	11.5	19.0	13.0	14.5	—	714.0	712.2	713.4	75	44	63				4.0	5.0	3.7	19.5	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^m/_m$.

Lugano.

Mai 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	12.2	17.4	12.0	13.9	0.8	735.8	734.4	733.1	91	67	96	S 0	SE 0	SE 0	10	10	10●	6.4	● $8^3/_4$–$10^3/_4$p
2	10.6	12.2	12.0	11.6	−1.7	733.0	733.9	733.1	86	81	80	SW 0	NE 0	W 0	10	8	8	9.0	● a, n
3	9.0	10.8	10.0	9.9	−3.5	732.9	732.2	731.8	86	79	90	W 0	N 0	NW 0	10	10●	10	4.7	● 0p–p
4	9.6	16.6	12.0	12.7	−0.8	729.5	727.1	726.0	82	61	88	N 0	S 0	SW 0	0	3	10●	16.8	◺ ● $8^3/_4$–$11^1/_2$p
5	10.6	15.8	8.4	11.6	−2.1	723.4	**722.7**	723.5	39	51	82	N 0	E 1	NE 0	10	3	4	.	⌇ 3–6p
6	**7.2**	17.8	10.6	11.9	−1.9	726.6	725.2	726.7	83	60	63	N 0	SE 0	N 0	1	2	0	.	
7	9.0	21.6	14.8	15.1	1.2	726.3	727.2	730.7	76	27	29	SE 0	NE 0	NE 0	2	1	0	.	
8	11.8	16.8	13.6	14.1	0.0	733.2	732.8	733.6	59	60	74	N 0	S 0	N 0	0	2	0	.	
9	11.8	20.0	14.8	15.5	1.3	733.7	732.7	733.2	82	69	81	N 0	SSE 0	N 0	0	0	0	.	
10	13.4	19.4	14.8	15.9	1.6	734.3	733.1	731.5	92	77	93	N 0	SSW 0	W 0	3	10	10	13.2	
11	10.0	14.2	14.0	12.7	−1.8	732.9	732.6	734.0	76	39	59	N 2	NNE 1	NE 2	10●	10	0	1.4	● ⌇ n–I, a ●, p ⌇
12	10.4	18.2	12.2	13.6	−1.0	737.9	737.4	738.2	64	65	79	N 0	S 0	N 0	0	0	0	.	
13	11.4	20.0	13.2	14.9	0.2	739.1	738.9	739.7	87	60	81	N 0	S 0	W 0	10	2	6	.	
14	13.2	19.8	14.2	15.7	0.8	741.0	740.2	741.3	84	68	84	N 0	E 0	S 0	10	6	10	2.0	
15	11.8	15.4	11.8	13.0	−2.0	741.0	740.5	739.8	83	84	99	NW 0	SSW 0	W 0	10●	10	10●	13.9	● n–I, $3^1/_2$p–n, a ●°
16	11.2	12.0	12.0	11.7	−3.4	738.5	737.0	734.6	97	96	96	W 0	W 0	W 0	10●	10	10●	25.4	a ●, p n ●²
17	11.8	13.2	11.0	12.0	−3.3	734.7	735.6	734.2	89	90	97	W 0	W 0	W 0	9	10●	10●	**40.6**	a ●, p n ●²
18	10.8	15.4	12.0	12.7	−2.7	734.1	734.2	733.8	95	87	94	W 0	SW 0	S 0	10●	10	6	1.2	a ●
19	12.2	16.8	10.4	13.1	−2.4	734.3	733.1	733.4	91	84	74	N 0	E 0	NE 0	6	10	0	9.7	●
20	13.0	18.4	13.8	15.1	−0.6	738.3	738.4	740.7	26	31	49	NE 1	NE 0	N 0	0	0	0	.	
21	10.8	18.2	13.0	14.0	−1.8	741.7	739.7	739.0	69	55	90	N 0	S 0	N 0	0	0	0	.	
22	12.4	20.4	19.0	17.3	1.4	739.0	737.2	735.9	79	69	58	NE 0	S 0	NE 1	0	6	4	.	
23	17.6	23.8	19.4	20.3	4.2	739.9	738.2	739.3	27	**25**	28	NE 1	NE 2	N 0	0	0	0	.	⌇ a–$1^1/_2$p
24	14.2	20.4	13.8	16.1	−0.1	738.8	739.6	742.8	76	62	78	N 0	E 1	N 0	0	0	0	.	
25	13.6	22.0	16.4	17.0	0.7	744.3	743.2	744.9	76	59	68	N 0	S 0	N 0	0	0	0	.	
26	15.4	23.6	17.8	18.9	2.4	**745.5**	744.2	743.8	77	60	78	N 0	S 0	NW 0	0	0	0	.	
27	16.6	25.0	19.8	20.5	3.9	744.0	742.2	739.4	82	59	79	N 0	S 0	N 0	0	0	6	.	
28	17.6	**28.4**	18.8	21.6	4.9	739.4	738.1	739.2	97	34	53	N 0	NNE 1	N 0	6	0	0	.	
29	17.6	26.6	19.2	21.1	4.2	741.0	740.4	740.3	66	58	71	N 0	S 0	N 0	0	0	0	.	
30	18.6	22.4	18.4	19.8	2.8	741.2	740.6	739.9	78	79	84	NE 0	W 0	SW 0	4	10	10	6.0	◺ ● 10^a, $10^1/_4$p–n
31	18.6	26.2	18.2	21.0	3.9	740.0	738.8	739.0	78	57	85	N 0	S 0	N 0	0	4	0	.	
																		Summe	
Mittel	12.7	19.0	14.2	15.3	—	736.6	735.9	736.0	77	63	76				4.2	4.4	4.0	150.3	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^m/_m$.

Basel.

Mai 1913.
Bernoullianum.

1	14.8	10.4	6.0	10.4	−1.0	733.2	734.5	737.4	80	75	94	SW 1	W 2	S 1	10	10	10●	6.7	●° 2p, ● 3–$9^3/_4$p
2	8.4	11.2	8.4	9.3	−2.2	736.5	735.8	735.2	81	55	81	SW 0	NE 1	E 0	7	9	0	.	● 6–$6^3/_4{}^a$, ●° $11^1/_4{}^a$
3	6.0	13.0	8.8	9.3	−2.3	733.9	732.2	730.9	91	58	86	SE 1	SE 1	SE 0	7	8	1	.	
4	7.5	9.4	6.6	7.8	−4.0	728.1	726.8	728.7	79	86	88	E 0	W 1	SE 1	10	10	10	3.8	● $10^3/_4{}^a$–$4^1/_2$p, ●° $8^1/_4$, $8^3/_4$p
5	**5.2**	10.2	6.8	7.4	−4.5	727.1	**726.4**	727.7	88	49	77	SE 0	W 0	W 1	10	10	2	3.4	
6	5.6	6.6	7.8	6.7	−5.3	728.3	728.5	729.4	97	97	97	SW 1	S 1	E 0	10●	10●	10●	15.5	● $4^1/_4{}^a$–$9^3/_4$p
7	7.0	11.8	7.6	8.8	−3.3	730.1	732.7	734.2	100	41	77	S 1	W 2	S 1	10●	7	0	0.1	● $5^1/_4$–$6^3/_4{}^a$, ●° I
8	6.1	16.0	13.0	11.7	−0.6	733.9	731.4	731.1	78	43	71	E 1	E 1	E 1	2	5	1	.	●° $5^1/_2$–$6^1/_4$p
9	12.2	21.2	12.6	14.7	2.3	731.4	730.1	731.2	68	41	93	E 2	NE 1	SE 1	0	2	2	5.7	● 6–$6^3/_4$p, ◺ 6–7p
10	13.0	20.6	9.5	14.4	1.9	732.2	730.2	735.4	79	53	89	E 2	NE 1	W 2	9	3	10	**16.7**	◺ ▲° $3^1/_2$–$4^1/_2$p, ● 4– *)
11	8.6	13.2	9.6	10.5	−2.2	737.4	738.0	740.1	84	54	81	W 2	SW 1	S 1	10	7	7	.	● 6–$6^1/_4{}^a$
12	7.4	15.8	12.9	12.0	−0.8	740.0	738.4	737.8	91	56	67	SE 1	N 1	E 1	2	6	0	.	
13	7.0	17.4	13.4	12.6	−0.3	737.7	737.0	737.4	97	57	82	SW 1	NE 1	E 1	10≡	2	0	.	≡ n–8^a
14	10.5	18.2	14.8	14.5	1.5	738.4	736.6	736.0	88	62	80	E 0	N 1	SW 0	8	7	9	.	
15	12.0	16.2	14.6	14.3	1.1	736.1	735.5	734.4	87	72	87	S 1	N 1	W 1	10	9	10	0.5	●° 8^a, 7–$8^1/_4$p [10p–$0^1/_4{}^a$
16	12.2	20.4	19.0	17.2	3.9	731.7	728.7	727.6	93	63	81	E 0	N 1	W 0	10	10	10	5.2	≡ 7^a, ●° 7–8, 11, $11^3/_4$p, ◺
17	12.4	19.0	12.4	14.6	1.2	731.1	729.5	730.9	98	47	95	S 1	SE 1	SE 1	8	4	7	7.0	● $0^3/_4$–$7^1/_4{}^a$, $3^1/_4$–4, 8– *)
18	12.0	12.8	11.8	12.2	−1.4	730.7	731.7	735.2	93	84	80	E 1	SW 1	W 1	10	10	10	3.8	● 8^a–$11^1/_4$, $4^1/_4$–$5^3/_4$p
19	9.4	12.3	9.0	10.2	−3.5	737.2	738.0	740.2	74	39	71	W 1	NW 2	W 1	10	5	8	0.1	
20	7.5	13.2	10.2	10.3	−3.5	742.3	742.4	743.1	76	38	75	E 1	N 1	N 1	2	5	1	.	
21	8.8	17.1	13.4	13.1	−0.8	743.6	741.6	740.1	71	**28**	56	E 1	E 2	S 1	0	1	0	.	
22	9.4	15.6	12.8	12.6	−1.5	740.1	740.7	743.9	72	67	61	E 1	NW 3	W 2	2	6	9	.	⌇ II
23	10.7	15.4	13.0	13.0	−1.2	744.5	743.8	743.9	79	49	86	E 0	W 1	SW 1	2	8	10●	1.5	●° 7p, ● $9^1/_4$–$10^3/_4$p
24	12.8	18.4	15.8	15.7	1.4	744.4	744.5	**745.0**	95	59	77	SW 1	N 1	NW 1	10	5	7	.	● 6–$6^3/_4{}^a$
25	11.4	21.3	16.8	16.5	2.0	744.8	743.6	743.7	93	60	80	S 1	NE 1	SE 0	2	7	0	.	
26	15.1	24.0	20.2	19.4	4.8	744.4	743.1	742.4	81	48	75	SE 1	E 1	S 0	0	1	3	.	
27	16.0	**27.0**	19.0	21.0	6.3	742.4	740.9	740.5	80	35	72	E 1	W 1	W 0	2	4	7	4.1	●° $5^1/_4$, $7^1/_4$p, ◺ III
28	17.4	24.2	19.8	19.8	4.9	741.0	739.6	740.6	91	54	74	SE 1	W 2	E 1	8	5	10	.	● $5^1/_2$–$6^3/_4{}^a$, ●° $3^1/_4$p
29	17.4	26.0	21.4	21.3	6.3	740.4	737.9	736.8	75	39	56	E 1	E 1	E 0	0	1	1	.	
30	28.3	26.2	20.5	21.7	6.6	737.4	736.0	736.0	71	39	56	E 1	S 1	E 2	1	7	1	.	
31	18.0	25.8	16.9	20.2	4.9	736.5	734.4	737.3	73	45	94	E 0	N 1	SE 1	5	2	10	10.0	p ◺, ● $2^3/_4$–$7^1/_4$p
																		Summe	
Mittel	10.9	17.1	13.0	13.7	—	736.7	735.8	736.6	84	55	79				6.0	6.0	5.4	84.1	

*) **10.** $4^1/_2$, $6^1/_2$–$9^1/_4$, 11p–$2^3/_4{}^a$ *) **17.** $9^1/_4$p, ◺ ▲ 3–4p

Mai 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$Hb = 2500.1^m$, $G = -0.16\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	1.6	3.1	−5.1	−0.1	2.8	561.0	560.1	559.1	80	78	100	SE 2	ESE 2	WSW 2	7	9	10≡*	7.9	≡ $5^3/_4$p–n, ✳ $8^1/_2$p–n
2	−6.4	−3.7	−5.8	−5.3	−2.6	558.2	558.3	558.5	100	94	90	WSW 1	NE 0	NW 0	10≡*	10≡	9	6.7	✳ n-$o^1/_2$, $3^1/_4$-7p, ≡ n-9p
3	−4.2	−1.5	−3.9	−3.2	−0.6	557.0	556.4	556.1	98	89	93	E 1	ESE 0	SW 0	8	7	10≡	3.9	≡ o–$7^3/_4$p, III, ✳ △ 4–6p
4	−4.8	−0.5	−8.4	−4.6	−2.1	554.2	553.4	552.1	98	85	100	WSW 2	SW 1	WSW 4	8	9	10≡*	11.2	≡ $2^3/_4$p–n, ⛉ 3–$3^1/_4$p, *)
5	**−8.6**	−7.4	−8.4	−8.1	−5.8	550.3	**550.2**	551.0	100	98	96	W 1	N 0	NW 1	10≡*	10≡*	3	6.2	✳ $6^1/_2$a–4p, a ⋁, ⊹ *)
6	−7.3	−4.4	−6.3	−6.0	−3.8	551.7	552.5	553.7	100	100	100	WSW 1	SW 2	WSW 2	10≡	10≡△	10≡*	21.2	⋁ ≡, △ o–$3^1/_2$p, ✳– *)
7	−5.2	−5.2	−6.6	−5.7	−3.6	554.0	555.4	557.9	100	100	100	WSW 2	WSW 3	WSW 2	10≡	10≡*	10≡	12.4	⋁ ≡, ✳ n-$6^1/_4$, $9^1/_4$a– *)
8	−2.9	0.6	0.1	−0.7	1.3	558.5	559.1	559.6	80	63	97	WSW 3	SW 4	WSW 4	1	4	10	5.0	⛈ II, III, n ●
9	0.8	3.3	1.6	1.9	3.7	559.7	560.2	560.6	89	84	82	NNE 1	S 1	WSW o	7	4	1	.	≡ 5–$5^1/_4$p [8p–n, n ✳^{2}
10	1.9	4.6	−1.4	1.7	3.4	560.4	560.1	559.6	95	82	100	SW 1	SW 1	W 4	2	4	10=	32.8	⛉ △ 8–$8^1/_4$p, ⛈ III, ≡
11	−6.1	−5.8	−6.3	−6.1	−4.5	559.5	560.3	562.4	100	100	100	WSW 2	WNW 2	NNE 1	10≡*	10≡*	10≡*△	33.4	✳^{2} ⊹ ≡ ⋁, △^{2} $6^3/_4$p–n
12	−4.5	−1.7	−3.4	−3.2	−1.8	562.5	563.0	563.5	96	98	85	NE 1	NE 0	NNE 0	7	10≡	0	4.9	≡ n–$2^1/_2$p, ✳ △
13	1.1	1.9	0.2	1.1	2.4	562.7	563.5	564.0	75	100	98	WSW 2	SW 1	SE 1	1	9	1	.	≡ $2^3/_4$–3, $4^1/_4$–$5^1/_2$p
14	1.1	3.0	0.4	1.5	2.7	564.0	564.3	563.9	95	94	90	SW 1	SSW 1	NNW 3	2	7	7	.	
15	1.9	3.6	2.5	2.7	3.8	564.3	564.1	563.4	83	82	84	WSW 3	SSW 3	WSW 3	9	9	9	.	
16	3.7	5.4	2.6	3.9	4.8	561.3	560.6	559.4	83	82	82	WSW 3	S 3	ESE 3	3	9	6	0.2	[$6^1/_4$p
17	−0.4	3.3	−0.6	0.8	1.6	558.3	558.7	559.1	100	85	87	SW 2	SSW 2	WSW 2	9	8	8	3.9	✳ $5^1/_4$–$6^1/_2$p, ≡° $5^3/_4$–
18	−0.8	1.0	−2.3	−0.7	0.0	557.9	558.5	560.1	100	97	100	WSW 3	WSW 3	WSW 3	10≡	10≡	10≡*△	20.8	✳ $7^3/_4$-$10^1/_4$a, ⛈ *)
19	−2.9	−5.1	−7.6	−5.2	−4.6	559.9	559.9	561.6	100	100	98	WSW 2	W 2	W 2	10≡*	10≡*	10=	8.2	✳ ≡ n–$6^1/_4$p, ⋁, ⊹ *)
20	−7.4	−6.5	−7.3	−7.1	−6.7	562.1	563.5	565.3	98	98	97	WSW 1	WSW 1	WNW 1	10=	10≡*	1	13.4	✳ n–$6^3/_4$p, △ ⊹ $8^3/_4$a– [op, ⋁, ≡ n–$7^1/_2$p
21	−4.8	−0.8	−0.8	−2.1	−1.8	565.2	566.0	565.7	**61**	70	75	NNE 2	NNE 1	SW 1	1	1	1	.	
22	−1.5	0.0	−2.9	−1.5	−1.4	564.5	565.1	566.3	85	98	100	WSW 5	WSW 3	WNW 2	6	10≡	10≡△	24.2	a ⛈, ≡ $7^3/_4$a–n, △ *)
23	−4.4	−2.3	−1.9	−2.9	−2.9	566.0	566.4	566.6	100	100	100	NW 1	WSW 3	WSW 3	10≡	10≡	10≡*	**65.9**	⋁ I, III, ≡, △ $3^1/_4$– *)
24	−0.7	−0.1	−0.8	−0.5	−0.6	567.1	568.8	569.6	100	100	98	SW 1	NNE 2	NE 2	10≡△	10≡	3	2.9	△ n–$o^1/_4$p, ≡ n–$5^1/_4$p
25	−0.2	2.4	1.9	1.4	1.2	569.2	570.2	570.9	87	98	80	NE 3	ENE 1	E 1	3	10≡	0	.	≡ $1^1/_4$–$3^3/_4$p
26	3.4	6.1	4.6	4.7	4.4	571.0	**571.7**	571.6	65	92	100	SW 2	WSW 2	WSW 3	1	5	10≡	.	≡ $9^1/_4$p–n
27	3.9	6.2	4.6	4.9	4.4	570.5	570.3	569.3	98	90	100	WSW 3	WSW 4	WNW 3	9	9	8	7.0	≡ $7^1/_2$–$8^1/_4$a, $6^1/_2$– *)
28	1.7	3.9	3.2	2.9	2.3	567.9	568.0	568.7	100	98	100	WSW 2	W 3	NNW 1	10≡	10≡	10≡	3.4	● 7–9^a, $4^3/_4$–$5^1/_4$p, ≡ *)
29	3.7	6.3	6.1	5.4	4.7	568.5	568.5	568.7	70	65	84	ENE 3	SSW 3	SW 1	4	1	1	.	[● $7^1/_2$–$7^3/_4$p
30	7.5	**9.6**	5.9	7.7	6.9	568.0	568.1	567.3	73	71	75	SW 1	WSW 2	WSW 3	2	9	6	6.2	⋁ $3^3/_4$–4p, ≡ $6^1/_2$–$7^1/_4$p,
31	6.6	8.9	6.1	7.2	6.3	567.0	566.3	566.8	75	72	74	SSW 2	SSW 3	SW 2	7	3	2	.	● $6^3/_4$–7^a, ⛉° III
																		Summe	
Mittel	−1.1	0.9	−1.3	−0.5	—	562.0	562.3	562.7	90	89	92				6.7	8.0	6.6	301.7	

*) **4.** ✳ ⊹^{2} $4^1/_2$p–n, ⛈ III *) **5.** 9^a–op, ≡ n–$7^3/_4$p *) **6.** n, ⊹ 5p–n *) **7.** $4^1/_4$p, ⊹^{2} $9^1/_4$a–$3^1/_2$p *) **18.** $10^1/_2$a, $4^1/_2$p, ≡, ✳ △ ⊹^{2} ⋁ $1^3/_4$p–n *) **19.** o–$6^1/_2$p, ≡ 8p–n *) **22.** $1^3/_4$p–n, ⛉° $3^1/_4$–$3^3/_4$p, ⛉ $7^1/_2$p *) **23.** $3^1/_2$p, ⛈ $4^1/_2$p, ✳^{2} ⊹ 6p–n *) **27.** $9^1/_2$p, ⛈, ⛉ $6^1/_2$–9p, n *) **28.** n–9^a, $o^1/_2$–$2^1/_2$, 5–$5^1/_2$, $8^3/_4$p–n

Mai 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$Hb = 2102.9^m$, $G = -0.14\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	1.4	3.2	−4.1	0.2	0.7	589.5	588.6	587.6	100	76	89	SE 1–2	S 1	N 2	10●=	10●≡	10*	45.0	● ≡ n–p, ⊹ ✳^{2}–n
2	−4.6	−2.6	−3.4	−3.5	−3.2	586.6	586.9	587.0	97	98	99	N 2	N 2	N 1	10*	10≡	10*	10.0	✳ ⊹, ≡ II
3	−2.1	5.9	−1.7	0.7	0.9	585.5	584.8	584.8	100	27	40	N o	E o	NE o	10*	8	9≡	0.5	✳° n–$8^1/_2$a, ≡ III
4	−2.0	5.4	−5.3	−0.6	−0.5	582.8	581.7	580.3	56	32	58	NE 1	SE 1	N 3–4	1	10	10*	18.2	✳ ⊹ ⛈ 4p–n
5	**−6.6**	−4.0	−5.6	−5.4	−5.4	**577.9**	578.3	579.3	89	94	95	N 3–4	N 3	N 2–3	10*	10≡	10=	5.2	✳ ⊹ I, ⛈, ≡^{2} II, ≡–n
6	−5.8	−1.1	−3.9	−3.6	−3.7	580.3	581.0	582.0	95	80	99	N 2–3	N 1	N 2	10=	9	10*	7.4	≡^{2} ⛈ n–I, ⊹ ✳ $3^1/_2$p–n
7	−2.8	−1.4	−1.8	−2.0	−2.2	582.5	584.5	586.4	98	97	90	N 2	N 2	N 1	10≡	10≡	6	.	a ≡, ≡^{2} II
8	0.7	5.7	2.2	2.9	2.5	587.1	587.8	588.6	48	32	60	SE o	S 2	S 1	1	8	1	.	
9	2.8	10.0	3.6	5.5	5.0	587.8	588.3	588.7	55	30	98	S o	SE 1	SE 1	0	1	4	.	
10	3.8	7.0	3.0	4.6	4.0	588.8	588.7	588.2	97	46	95	SE 1	SE 1	SE 2	6	10	10●*	**51.0**	●^{2} ✳^{2} $7^1/_2$p–n
11	−4.4	−3.2	−3.9	−3.8	−4.5	587.3	588.1	590.1	97	97	98	N 4–5	N 4–5	N 4–5	10*	10≡	8	8.1	⊹ ✳ I, ≡ II, ⛈
12	−4.0	0.0	−1.0	−1.7	−2.6	591.2	591.9	591.9	96	59	59	N 1	N 1	N o	o	2	1	.	
13	0.2	4.4	1.5	2.0	1.0	591.7	592.1	592.9	100	55	75	E 1	E 1	SE 1	10≡	10≡	10●≡	3.0	≡^{2}, ● III–n, n ⛉
14	1.7	3.0	0.9	1.9	0.8	593.0	593.5	593.9	85	72	95	SSE 1	SE 1	SSE 2	10≡	10	10	10.0	≡ I, n ✳
15	0.4	3.0	0.8	1.4	0.2	593.3	593.1	592.9	97	78	100	S 2	SE 1	S 1–2	10≡	10	10≡	8.0	≡^{2} I, III, n ✳ ●
16	2.2	3.4	1.2	2.2	0.9	590.9	590.0	588.3	100	83	87	S 1	S 1	S 1	10●	10●≡	10≡	21.2	● n–II, p ≡^{2}, n ✳
17	0.5	3.8	0.4	1.6	0.2	587.2	587.9	588.0	89	69	100	SE 1	S 2	S 1–2	10≡	10≡	10●≡	4.5	a ≡, p ≡^{2}, ● III, n ✳
18	1.3	4.7	1.6	2.5	1.0	587.2	587.6	588.7	100	60	44	S 1	S 1	N o	10≡	10≡	9	3.6	≡^{2} ●
19	0.2	−2.5	−4.2	−2.2	−3.9	588.3	588.4	589.7	60	97	95	N 1	N 3	N 3–4	5	10≡	10≡	7.0	p ≡^{2} ⛈, n ✳
20	−6.0	−3.0	−4.0	−4.3	−6.1	590.8	592.1	593.7	93	76	79	N 2	N 3	N 3–4	10≡	7	1	.	≡ I, p ⛈
21	−3.8	4.0	1.2	0.5	−1.4	593.8	594.1	594.3	60	31	70	N 2	N 2	N 2	1	o	o	.	[n ✳
22	2.2	4.6	−1.4	1.8	−0.2	593.3	593.1	593.9	54	55	82	N 2	N 3	N 2–3	3	10	10≡	4.3	● 2–3p, p n ⛈, ≡^{2} III–n,
23	−2.3	2.8	0.4	0.3	−1.8	593.9	594.9	595.0	90	34	85	N 3	NE 4	N 4–5	10≡	5	4	.	≡^{2} ⛈ I, ⛈
24	1.1	2.5	2.0	1.9	−0.3	594.7	595.8	597.7	96	95	85	N 3	N 5	N 3–4	10≡	10≡	1	.	≡ n–p, ⛈, ⛈ II
25	5.2	8.8	4.8	6.3	3.9	597.4	598.3	599.1	35	31	65	N o	N 1	N o	1	o	o	.	
26	7.1	10.2	6.4	7.9	5.4	599.4	599.8	**600.6**	38	32	40	E o	N o	N 1	o	1	9	.	
27	7.2	11.4	7.0	8.5	5.9	599.0	598.9	597.9	42	**24**	55	N 1	NNE o	NNE 1	1	3	10	3.0	n ($^{27}/_{28}$) ●
28	6.7	10.4	4.3	7.1	4.4	596.0	596.4	596.9	60	36	48	NNE 1	N o	N o	8	8	9	1.3	● 10–$10^1/_2$a, 5–$5^1/_2$p
29	4.8	**12.4**	8.5	8.6	5.8	597.0	597.0	597.1	56	28	50	N 1	S 1	SSE 1	3	1	5	.	
30	7.6	8.5	6.6	7.6	4.7	596.5	596.5	596.3	77	74	75	SE 1	SSE 1	S 1	10	10≡	9	2.0	≡ II, n ●
31	6.9	10.2	7.2	8.1	5.0	595.6	595.2	595.1	69	54	70	S 1	SE 2	S 1	6	8	10≡	4.2	● $1^1/_2$–6p, ≡ III
																		Summe	
Mittel	0.6	4.1	0.8	1.8	—	590.5	590.8	591.2	78	60	74				6.6	7.4	7.3	217.5	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

Juni 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	7h30	1h30	9h30	7h30	1h30	9h30	7h30	1h30	9h30	7h30	1h30	9h30		
1	15.2	22.3	15.5	17.7	3.5	**710.7**	710.8	713.5	88	56	81	NE 0	W 1	SW 0	8	8	10	.	
2	15.7	22.0	17.2	18.3	4.0	712.8	712.5	711.8	74	57	89	NE 0	NE 1	SW 0	7	8	6	.	≺ III
3	17.7	24.8	16.6	19.7	5.3	714.3	713.5	714.8	82	50	92	SE 0	N 1	SW 0	4	3	4	2.3	⌐ ● 3-3½p, ●° 6-7p
4	15.8	19.5	13.4	16.2	1.6	714.9	714.0	715.2	87	67	90	SW 1	N 1	S 0	10	10	7	2.6	● 5-5¼p
5	13.1	19.6	14.9	15.9	1.2	714.0	713.1	714.4	82	57	68	E 0	NW 1	SW 0	4	9	10	4.3	⌐ ● 1⅜-2¼p, ● 3-9½p, n
6	11.7	13.9	9.8	11.8	−3.0	715.0	714.5	716.4	90	67	75	SW 0	S 0	SW 0	10	10	8	0.2	a ●°
7	10.9	14.6	11.8	12.4	−2.5	718.3	717.5	717.6	70	41	67	S 0	NNW 0	N 0	6	7	3	.	
8	12.1	20.0	15.6	15.9	0.9	716.9	715.1	714.7	73	34	70	E 0	W 0	SW 0	0	1	3	.	△ I
9	15.0	19.2	15.3	16.5	1.4	716.6	716.3	716.7	78	65	70	SW 0	SW 0	N 0	9	8	9	1.9	● 8½2a-II
10	15.5	22.0	17.4	18.3	3.1	716.4	714.5	714.0	78	**26**	30	N 0	SW 0	SW 1	4	2	1	.	
11	18.0	20.0	15.9	18.0	2.7	715.3	715.8	715.8	38	55	69	W 1	SW 2	SW 0	4	6	9	.	⌟ II
12	16.2	18.0	13.6	15.9	0.4	715.4	715.5	716.4	75	57	92	SW 1	SW 1	NW 0	3	10	10●	0.2	●° 6½-6¾p, III
13	13.3	18.9	14.8	15.7	0.1	716.4	716.3	717.1	90	45	62	NE 0	W 1	N 0	9	8	3	.	△ I
14	15.2	20.2	15.6	17.0	1.3	717.9	716.9	717.2	70	43	55	NE 1	NE 2	NE 1	1	1	1	.	△ I, ⌟ II
15	12.3	23.3	18.0	17.9	2.1	717.6	716.9	716.4	74	46	73	NE 0	NE 0	NE 0	1	3	3	.	△ I
16	16.6	25.9	16.2	19.6	3.7	716.9	715.4	715.4	74	35	84	NE 0	NE 1	SE 0	1	5	7	1.2	△ I, ⌐ ● 7-8p
17	17.5	**26.0**	15.9	19.8	3.8	715.6	713.9	715.1	72	37	85	SE 0	NW 1	SE 0	1	7	8	1.6	● 4½-5½p
18	16.5	25.6	18.0	20.0	3.9	714.5	713.0	714.5	74	28	72	SE 0	SW 0	W 0	1	2	9●	2.2	● III-n
19	15.2	22.8	17.0	18.3	2.1	714.7	713.7	714.5	92	43	75	SW 0	SW 1	SW 0	7	3	9	8.6	n (18/20) ●
20	13.0	16.0	10.6	13.2	−3.1	714.3	713.8	714.4	93	74	95	N 0	SW 1	W 0	10●	10●	10●	6.5	●
21	11.6	11.8	10.0	11.1	−5.3	714.1	713.9	712.9	82	80	90	SW 0	SW 0	SE 0	4	9	9	3.2	● 11a-0p
22	10.2	13.0	10.6	11.3	−5.2	715.1	715.4	717.0	85	82	90	SE 1	SE 0	E 0	8	10	9	0.8	●°
23	11.0	18.1	14.1	14.4	−2.1	716.4	715.5	714.8	82	47	78	SE 0	NE 1	NE 0	1	3	5	.	△ I
24	13.5	17.7	15.8	15.7	−0.9	715.0	713.8	713.4	84	71	81	SE 0	S 0	NE 0	10	8	7	2.5	● 10¼a
25	11.7	12.2	**8.7**	10.9	−5.8	712.4	711.6	712.6	94	84	94	S 0	W 0	W 0	10	10●	9	6.1	● 8½2a-n
26	10.7	15.3	11.8	12.6	−4.2	714.7	715.7	716.6	90	58	89	SW 0	NE 0	S 0	9	9	9	1.4	● 4-5½p
27	10.5	15.4	11.3	12.4	−4.5	716.1	714.6	716.1	84	60	89	S 0	W 1	SW 0	9	10	9	**10.2**	● 2¾-3p
28	9.2	14.7	11.5	11.8	−5.2	717.7	718.4	**720.6**	91	48	81	SE 0	N 0	E 0	8	9	10	0.2	● n-6½2a, n ●°
29	10.3	14.0	14.8	13.0	−4.0	719.7	719.3	718.5	90	76	79	SW 0	SW 0	W 0	10	10	9	1.1	p ●
30	13.9	18.0	12.2	14.7	−2.4	718.0	717.3	717.5	61	41	70	W 0	NW 1	N 0	1	6	7	.	
																		Summe	
Mittel	13.6	18.8	14.1	15.5	—	715.6	715.0	715.5	80	54	78				5.7	6.8	7.1	57.1	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

Juni 1913.
Observatorium.

1	16.1	21.0	16.4	17.8	1.9	**718.0**	718.2	721.0	84	60	78	NE 2	N 2	N 1	9	7	10	0.2	⌟ 1¼-4½p, p ●°
2	15.6	23.4	17.1	18.7	2.7	720.5	719.6	719.3	81	59	81	E 1	E 1	N 0	10	7	6	.	p ≡°, ≺ III
3	18.3	**27.8**	19.5	21.9	5.8	721.7	721.0	722.0	77	41	70	SE 1	SE 1	N 2	6	3	5	.	≡° l, III, ⌟ 4½-6½p
4	16.4	21.1	12.8	16.8	0.6	722.1	721.0	722.4	87	63	95	SW 1	NE 1	N 0	9	10	5	6.2	p ⌟, ● 4¼-5p
5	14.0	18.8	15.8	16.2	−0.1	721.6	720.8	721.6	91	68	75	SW 1	SW 1	W 1	7	9	9	2.6	n (5/6) ●
6	12.2	16.0	11.3	13.2	−3.3	722.5	722.0	724.0	76	51	57	W 1	SW 2	NW 2	10	8	7	0.3	⌟ III, n ●°
7	11.9	16.4	13.7	14.0	−2.6	725.7	725.2	725.0	70	52	45	SW 1	SW 1	N 2	7	7	8	.	⌟ III
8	12.6	20.5	18.1	17.1	0.4	724.6	722.8	721.9	75	50	67	E 1	SW 1	N 1	0	2	8	0.9	
9	14.6	20.3	16.3	17.1	0.3	723.9	723.5	724.0	97	69	62	SE 0	SE 1	N 2	9	8	7	0.4	● n-8½2a, ⌟ 6¼p-n
10	15.1	24.2	18.6	19.3	2.4	723.9	722.1	721.8	75	**38**	45	SE 1	SW 1	N 2	6	3	0	.	≡° l, ⌟ 6½2p-n
11	16.8	22.1	16.1	18.3	1.3	722.7	722.9	723.1	40	48	64	W 2	NW 3	NW 2	5	7	7	.	⌟ II
12	16.4	18.6	15.8	16.9	−0.3	723.0	723.0	723.6	62	56	69	W 2	W 2	NW 1	7	10	9	.	
13	15.5	21.8	17.1	18.1	0.8	724.1	723.6	724.3	76	44	67	E 1	NW 2	NW 2	5	4	6	.	
14	15.8	21.8	16.8	18.1	0.7	725.4	724.3	724.7	64	44	49	NE 3	E 3	NE 3	3	0	0	.	⌟
15	13.8	23.0	20.6	19.1	1.6	725.4	724.4	723.5	61	52	52	E 1	S 1	NE 1	3	2	0	.	
16	16.6	25.7	18.2	20.2	2.6	724.5	722.9	722.5	66	48	68	E 1	SW 1	N 1	0	5	3	.	
17	17.3	24.6	17.1	19.7	2.0	722.9	721.7	722.3	76	48	71	E 1	SW 1	N 1	3	8	9	.	
18	17.1	27.0	17.4	20.5	2.7	722.0	720.3	722.0	80	46	86	SE 1	SW 1	NW 1	3	3	9	1.5	●° 9p, ≺ III, n ●
19	16.7	18.6	17.6	17.6	−0.3	721.9	721.5	721.7	90	81	77	SW 1	W 1	SE 0	7	9●	9●	1.9	●°, ● 0⅜-1½p, n ●°
20	14.3	15.2	11.2	13.6	−4.4	721.7	721.3	722.0	85	93	79	N 1	SW 1	NW 1	10	10	10	**9.8**	●
21	11.6	15.8	11.2	12.9	−5.2	721.5	721.1	720.5	76	54	80	SW 1	SW 1	N 1	9	8	10	4.4	● n-6½p, n
22	11.6	14.1	11.3	12.3	−5.9	722.5	723.0	724.5	73	64	86	SW 1	W 1	N 1	8	10	8	.	●° a, 7½-8½p
23	12.6	21.0	15.6	16.4	−1.9	723.9	723.0	722.4	81	50	58	E 2	E 2	N 1	0	2	5	.	≡° III
24	13.3	18.7	17.1	16.4	−2.0	722.6	721.2	720.5	87	77	65	NE 1	SW 1	N 1	9	8	4	1.4	a ●°, ⌐ ● 1, 3-3¼p, n ●°
25	13.4	13.5	**9.1**	12.0	−6.5	719.4	718.9	720.1	68	68	93	W 1	NW 1	N 1	10	10●	6	8.2	● 8½2a-1½, 8½2p, n
26	11.1	15.6	13.8	13.5	−5.1	722.2	723.1	723.7	85	63	66	E 1	E 1	N 2	7	9	7	.	
27	12.0	17.5	12.8	14.1	−4.6	723.4	722.2	723.6	87	61	74	SE 1	SW 1	N 1	8	9	9	0.2	≡° l, ⌟ 4½2p-p, ●° 6p
28	12.4	15.2	13.3	13.6	−5.2	725.2	726.0	**728.0**	66	57	61	N 1	NE 1	N 2	7	9	10	2.3	n (28/29) ●
29	11.3	13.5	16.0	13.6	−5.3	727.3	727.1	726.0	81	87	72	W 1	SW 1	N 1	10	10●	9	0.7	●° 1-2p
30	14.6	19.1	13.3	15.7	−3.2	725.6	725.0	724.6	53	42	61	N 2	E 2	N 3	3	5	4	.	⌟ III
																		Summe	
Mittel	14.4	19.7	15.4	16.5	—	723.1	722.4	722.9	76	58	69				6.3	6.7	6.6	41.0	

Juni 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	25.0	26.0	17.8	22.9	8.1	721.6	**718.8**	723.0	90	**30**	73	SE 1	SE 2-3	NE 0-1	3	5	8	.	↙ II
2	14.6	20.0	16.0	16.9	2.0	722.1	723.9	722.3	90	62	93	NE 0	N 1	SE 0-1	7	6	7	.	
3	19.2	**27.2**	23.3	23.2	8.2	723.8	723.9	722.9	73	**30**	35	NE 0	SE 3	S 3-4	8	4	0	.	☰° l, ↙ $0^3/_4$p-n
4	16.6	19.0	17.3	17.6	2.5	724.0	724.8	724.6	89	75	69	N 0	NW 0	SW 0	1	9	8	2.3	●° III, n ●
5	13.6	21.0	16.0	16.9	1.7	723.8	722.9	724.0	92	55	74	E 0	NW 0	SW 0	1	10	10	2.1	n ($^5/_6$) ●
6	14.7	13.0	11.2	13.0	−2.3	724.7	725.9	726.2	91	91	100	NW 0	NE 0	NW 0-1	10●	10●	10●	12.1	●
7	12.8	16.2	11.8	13.6	−1.8	728.0	727.4	727.6	77	40	72	E 0-1	N 2	S 0	5	5	0	.	
8	11.1	18.3	15.9	15.1	−0.4	726.9	724.7	724.4	71	46	70	E 0	NE 0	SE 0	0	0	0	.	
9	15.4	17.2	14.3	15.6	0.0	726.0	726.3	726.5	75	70	97	E 0	NW 1	NW 0	7	9●	10	2.0	● II
10	14.9	21.4	17.8	18.0	2.3	726.2	724.1	723.4	87	51	70	E 0	N 1	E 0	7	3	1	.	
11	14.8	21.0	17.3	17.7	1.9	724.8	725.4	725.1	81	40	60	E 0	NW 2	E 0	2	5	10	.	
12	16.8	18.4	14.4	16.5	0.6	724.9	724.9	725.9	71	70	100	NE 0	E 0-1	NW 0	9	10●	10●	6.6	p ●
13	14.8	18.6	15.2	16.2	0.2	726.6	726.7	727.1	84	68	91	NE 0	NW 1	SE 0	8	10	9	.	
14	15.8	20.6	17.7	18.0	1.9	728.2	727.7	727.9	72	50	67	E 0	N 2	NW 0	4	2	10	.	
15	13.9	24.7	15.8	18.1	1.9	727.8	727.4	726.6	81	53	90	E 0	E 0	E 0	0	1	0	.	
16	15.9	23.2	17.2	18.8	2.5	726.5	725.4	724.8	61	55	87	NE 0	N 2	SE 0	0	6	0	5.1	● $5^1/_4$-$5^3/_4$p
17	15.2	24.4	18.5	19.4	3.0	725.4	723.9	724.6	90	50	68	E 0	NW 2	SE 0-1	0	3	10	0.2	⩤° ●° 5-6p
18	16.8	25.2	17.2	19.7	3.3	724.1	722.8	723.9	68	45	89	E 0	N 1	SE 0	0	5	10●	4.2	● $6^1/_2$p-n
19	18.3	21.6	17.3	19.1	2.6	724.0	723.9	724.1	75	59	98	E 0	NE 0	NW 0	9	5	10	2.7	n ($^{19}/_{20}$) ●
20	15.4	16.2	14.8	15.5	−1.1	723.3	724.2	723.1	87	85	98	NW 1	SW 0	NW 0	10●	10●	10●	11.0	●
21	13.4	14.6	12.2	13.4	−3.3	723.7	724.5	723.1	85	79	86	SE 0	E 0	SW 0	10●	10●	10●	22.4	●
22	10.3	13.4	10.9	11.5	−5.3	725.1	725.7	727.1	84	73	100	E 0	N 0	NW 0	10●	10●	10●	4.0	●
23	12.4	19.0	14.8	15.4	−1.4	726.3	725.7	724.9	81	72	72	E 0	N 2	SE 0	1	3	0	.	
24	13.9	19.2	15.0	16.0	−0.9	724.9	724.3	723.0	83	55	100	E 0	E 0	SE 0-1	8	10	10	12.1	p ●, ⩤° III
25	13.7	11.6	10.2	11.8	−5.2	721.8	721.5	722.0	72	82	100	N 1	N 2	N 0-1	10●	10●	10●	19.2	●
26	10.9	12.2	10.9	11.3	−5.7	724.0	726.6	726.8	74	75	99	NW 0-1	SW 2	SW 0	10●	10●	10●	3.1	●
27	11.9	14.6	10.2	12.2	−4.9	725.9	724.6	726.0	89	69	99	E 0	N 0	E 0	10	10●	10●	**41.4**	p n ●²
28	**8.3**	12.6	10.2	10.4	−6.8	728.1	729.2	**730.6**	94	70	98	E 0-1	E 1	NW 0	10●	10●	10●	2.1	⩤ 3^a, ● l, ●°
29	11.0	12.1	11.8	11.6	−5.6	729.3	728.5	727.2	94	88	99	E 0	NE 0	NW 0-1	10●	10●	10●	4.2	●°, n ↙ ●
30	13.3	16.0	14.8	14.7	−2.6	727.5	727.6	727.0	65	55	52	N 0	N 2	NW 2	10	8	9	0.3	p ●°
Mittel	14.5	18.6	14.9	16.0	—	725.3	725.1	725.2	81	61	84				6.0	7.0	7.4	Summe 157.1	

Juni 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m}/_{m}$.

1	16.0	18.2	15.8	16.8	1.5	725.4	**725.1**	727.4	90	68	75	S 1	SW 1	NNE 0	10●	10	7	0.1	●° $7^1/_2{}^a$-p
2	15.4	19.8	19.8	17.6	2.1	727.7	726.2	726.3	83	65	74	S 1	N 1	SW 1	7	7	9	.	⩤ 9-$9^3/_4$p
3	17.2	23.8	17.8	18.5	2.9	728.7	728.7	728.9	82	58	74	SW 1	SW 1	SW 1	8	8	7	.	
4	15.8	16.2	14.8	15.6	−0.1	729.4	729.0	729.1	80	75	87	ESE 0	W 1	S 0	9	10●	5	3.7	● 0-6p, ◠ $6^3/_4$p
5	14.6	17.3	15.8	15.3	−0.5	728.5	728.5	728.9	87	70	73	NNE 0	SW 1	SW 0	5	9	10	**11.0**	● 5-$6^1/_2$, $10^1/_2$p-n
6	13.2	17.6	12.0	14.2	−1.7	729.6	730.0	731.9	72	46	61	S 1	SW 1	SSW 0	9	7	7	.	
7	12.9	15.7	14.2	13.4	−2.7	732.9	732.3	731.9	61	36	55	SSW 0	NNE 1	NNE 1	5	2	7	.	
8	12.2	17.9	18.2	15.7	−0.5	731.5	729.8	729.4	80	52	52	E 0	NNE 1	SSW 1	0	0	6	.	
9	16.8	22.8	18.0	18.1	1.8	731.2	730.4	730.9	76	50	70	W 1	SSE 1	NNE 1	10	5	2	.	
10	15.4	23.8	19.4	18.3	1.9	730.9	729.0	729.3	72	25	36	SSW 1	SW 1	SW 0	6	1	0	.	
11	18.6	23.5	17.8	19.2	2.7	730.6	730.6	730.3	**24**	43	57	SW 1	SW 1	SW 2	2	3	2	.	↙ III
12	17.5	23.5	19.0	18.6	2.0	730.7	730.0	730.4	68	37	54	S 0	W 0	NE 0	5	7	0	.	
13	15.4	22.2	17.4	18.0	1.3	730.6	730.1	730.5	75	40	65	SW 0	NNE 1	NNE 1	3	3	0	.	
14	15.8	19.8	17.8	16.8	0.0	731.5	730.6	731.7	67	57	61	N 1	NNE 1	NNE 1	3	2	0	.	
15	14.2	19.7	20.2	17.0	0.1	732.3	730.7	730.9	65	52	66	NNE 1	NNE 1	SW 1	3	2	10●	0.2	●° III, ⩤ $9^1/_2$-$9^3/_4$p
16	17.4	23.0	18.0	19.1	2.1	731.2	730.6	729.0	71	46	86	SW 0	NNE 1	NNE 0	0	1	7	.	
17	18.6	**25.8**	18.0	20.4	3.3	729.7	728.5	729.2	70	43	74	NNE 0	E 1	NNE 0	5	5	9	3.0	⩤ $7^1/_4$, 8-$8^1/_4$p, ● $7^1/_2$-$8^1/_4$p
18	16.8	22.4	19.8	19.4	2.2	728.6	727.0	728.5	80	58	57	S 0	N 1	SE 1	0	3	9	3.9	⩤ $8^1/_2$p, n ●
19	17.9	22.0	18.4	18.5	1.2	729.0	728.3	729.3	83	64	78	SW 1	N 0	SW 0	9	9	9	1.8	● $10^1/_2{}^a$, $10^1/_2$p
20	15.8	16.7	14.8	15.9	−1.5	728.9	728.2	729.4	83	80	83	SE 0	NW 1	SW 1	10	10●	10●	1.2	● $1^1/_2$, $9^1/_2$-$10^1/_2$p
21	13.0	17.4	12.8	13.7	−3.8	729.2	728.5	728.2	68	45	74	S 1	SW 1	SW 1	4	9	10	.	
22	13.4	16.8	13.2	14.0	−3.6	729.7	730.3	731.0	70	46	73	S 0	NW 1	NE 1	6	6	6	.	
23	12.4	18.2	19.0	15.3	−2.4	731.1	730.0	729.0	74	45	63	NW 1	N 1	N 1	1	2	8	.	
24	15.2	23.8	16.0	17.8	0.1	729.6	727.9	728.0	70	41	81	S 0	SW 1	SW 0	9	7	9	2.7	● $8^1/_4$p, n
25	14.6	15.0	11.8	14.0	−3.8	726.9	726.4	727.4	74	76	84	S 1	SW 1	NW 0	10	10●	10	4.0	● $10^1/_2{}^a$, $1^1/_2$-$4^1/_2$p, n
26	**11.2**	17.0	14.2	13.4	−4.5	729.1	729.8	730.7	84	47	63	S 1	N 1	N 1	9	6	1	.	
27	12.8	19.0	15.4	14.7	−3.3	730.9	729.8	730.8	77	45	60	SE 0	SW 1	NE 0	3	7	9	0.3	●° $10^1/_2$p
28	13.7	17.4	15.0	14.8	−3.2	731.9	732.6	734.7	72	33	50	NE 1	NE 1	NE 1	1	8	6	.	
29	12.9	19.0	16.4	16.2	−1.8	**734.9**	734.4	733.6	83	52	77	ESE 0	NW 1	SE 1	10	7	7	.	
30	15.8	20.5	15.2	17.1	−1.1	732.9	731.6	731.3	62	38	56	S 0	NE 1	NE 1	1	3	0	.	
Mittel	15.1	19.9	16.5	16.6	—	730.2	729.5	729.9	73	51	67				5.4	5.6	6.1	Summe 31.9	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35}p.

$\lambda = 8° 33'$, $\beta = 47° 23'$,
$H_b = 493.2^m$, $G = 0.08\,{}^m/_m$.

Zürich.

Juni 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	15.4	27.4	16.0	19.6	4.7	718.4	**715.8**	720.8	84	48	62	NW o	NW 1	NW o	7	2	9	.	p ↙, n ●°
2	14.9	22.2	17.8	18.3	3.3	719.9	720.0	718.9	81	61	93	NW o	E o	E o	5	9	4	.	
3	18.0	27.6	20.2	21.9	6.8	721.2	720.5	721.1	81	42	72	N o	E 1	N 1	7	3	3	.	[n ↖
4	16.3	24.8	14.1	18.4	3.2	721.5	719.9	722.2	87	50	78	NW 1	W 1	NW o	9	6	9	.	●° 3–3 1/2, 4 1/2–4 3/4P, p ↙,
5	14.0	23.4	14.5	17.3	2.0	721.0	719.5	721.0	85	48	90	E o	NW 1	SW 1	2	7	9●	8.0	p ↙, ●° 3 1/2P, ● 3 3/4– *)
6	11.0	11.7	10.6	11.1	−4.4	722.1	722.5	723.4	91	83	95	NW o	SW 1	SW 1	9●	10●	9	11.7	● 2 3/4–10 1/2, 11 1/4a–2 1/2,
7	10.6	16.4	11.4	12.8	−2.8	725.2	724.6	724.8	70	45	70	W 1	NE 1	NE o	4	4	o	.	[3 3/4–9P, ↖ III
8	10.6	22.5	16.6	16.6	0.9	724.0	721.9	721.6	77	**33**	70	E o	W 1	NW 1	o	o	1	.	
9	15.3	17.2	16.2	16.2	0.4	723.3	723.4	723.5	79	75	69	NW 1	SW 1	NW 1	9	9●	10	1.0	● 7 3/4a–1 3/4P
10	14.4	23.2	17.8	18.5	2.6	723.4	721.3	720.2	67	40	50	N o	W 1	NW 1	5	4	1	0.1	p ↙
11	17.1	19.4	16.4	17.6	1.6	721.3	722.5	722.3	43	58	67	W 2	NW 2	W o	5	8	9	.	●° n–l, ↙
12	16.6	19.4	10.8	15.6	−0.5	721.5	721.7	723.8	69	58	93	W 2	NW 2	S 1	7	9	10●	3.6	↙, ●° 5–5 1/2P, ● 6P–n
13	11.3	17.2	15.2	14.6	−1.6	723.7	723.5	724.3	88	61	76	S o	NW 1	S o	10	9	10	.	●° n–8 1/4a
14	13.8	20.7	13.9	16.1	−0.2	725.9	725.3	725.3	73	45	53	NE 1	E 2	NE 1	1	1	2	.	↙
15	10.3	22.6	17.7	16.9	0.5	725.0	724.4	723.7	75	48	53	N o	NE 1	E 1	o	o	o	.	
16	13.4	25.3	18.5	19.1	2.6	724.1	722.8	722.0	69	46	62	NW o	NE 1	NE 1	o	1	1	.	
17	15.4	**28.2**	18.2	20.6	4.0	722.5	721.0	721.3	71	36	65	NE o	SW o	W o	1	2	3	.	[9P
18	17.6	25.6	19.2	20.8	4.1	721.1	719.7	720.2	71	39	69	E o	NE 1	SW 1	1	2	6	0.5	p ↙, ↖ 7P–n, ↖° ●° 8 1/4–
19	17.4	23.8	16.8	19.3	2.5	721.2	720.1	721.5	73	52	86	SW 1	SW 1	SW 1	10●	8	9●	16.8	●° 7 1/2–8 1/4a, 2 1/4–2 1/2, *)
20	13.6	16.0	11.5	13.7	−3.2	720.9	720.9	720.8	96	79	91	NW 1	SE o	NW 1	10●	10	10●	16.0	● n–3 1/4, 4 1/4P–3 1/2a
21	10.6	14.0	10.3	11.6	−5.4	721.2	720.7	720.3	77	62	88	W o	SW 1	W o	10	9	10●	4.3	● 8 1/4, 10 3/4–11 1/2 3/4a, 1 3/4– *)
22	10.7	11.8	10.8	11.1	−6.0	721.6	722.5	724.1	81	81	91	SW o	SW 1	SW o	10	10●	10●	6.1	● 7 1/2 2a–6 3/4, 9 1/4P–3 1/2a
23	11.9	19.6	13.8	15.1	−2.1	723.9	723.0	721.9	80	47	72	S o	E 1	E o	3	4	1	0.1	n (23/24) ●°
24	14.1	19.1	15.4	16.2	−1.0	721.8	720.4	720.2	81	53	86	S 1	W 2	W o	10	10	9	10.9	●° 9–9 1/2a, o–2 1/4, 5 1/4– *)
25	11.8	11.4	9.8	11.0	−6.3	719.5	718.4	719.1	94	92	91	NW o	W 1	W 1	10●	10●	9	10.6	● 4 1/4–4 3/4, 6 3/4a–6 3/4P
26	10.1	16.2	11.4	12.6	−4.8	721.6	722.5	723.6	88	56	90	NW o	W o	SE 1	10	9	9	7.6	●° o–o 1/2a, oP, ● 7 3/4– *)
27	12.2	12.0	11.0	11.7	−5.8	722.6	721.7	722.7	86	92	93	NW 1	W 1	NW 1	9	10●	10●	**50.2**	≡° l, ● 10a–2, 5–6 1/4P, *)
28	**8.2**	12.6	10.8	10.5	−7.1	724.9	725.5	**727.4**	98	67	86	S 1	SW 1	E o	10●	10	10	1.2	●° 3 3/4, 6–6 1/4a, 1 3/4, *)
29	11.0	13.8	15.2	13.3	−4.3	726.0	725.1	724.4	80	76	70	SW 1	SW 2	SW 2	10●	10	9	0.1	a ●°, ↙
30	12.2	17.1	12.2	13.8	−3.9	725.2	724.6	724.4	69	50	63	W 1	W 1	N 1	7	6	5	.	
																			*) **5.** 4 3/4, 6 1/4P–0a *) **19.** 5–5 1/4P, p ↙, ●9 1/2P–n *) **21.** 4 3/4, 8, 9 1/2P *) **24.** 7P, ↙ II,
Mittel	13.3	19.4	14.5	15.7	—	722.5	721.9	722.4	79	57	77				6.4	6.4	6.6	Summe 148.8	[↖ ● 3 1/4–3 3/4P *) **26.** 8 3/4a, 2 1/4–5 1/4P, III–n *) **27.** ↖ ●2 2 3/4–4 1/4P, ●2 8 3/4P–3 1/4a *) **28.** 5 1/2P, ●2 6 3/4–7 3/4a, ● 11–11 3/4a

$\lambda = 8° 30'$, $\beta = 47° 3'$,
$H_b = 1787.3^m$, $G = -0.11\,{}^m/_m$.

Rigi-Kulm.

Juni 1913.
Beobachter: Frl. *H. Bütikofer.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	12.0	15.6	18.4	15.3	9.5	615.9	616.8	617.7	60	45	80	SE 4	SE 4	SE 2	3	3	7≡	.	↙ n–p, ≡ III
2	11.4	15.6	12.8	13.3	7.4	616.7	618.0	618.2	49	**38**	44	SE 4	SE 2	SE 4	5	10	8	.	↙ l, III
3	10.8	**17.0**	11.8	13.2	7.2	618.7	619.5	619.8	60	45	53	SE 2	SE 2	S 2	10	o	7	.	
4	12.2	14.0	6.0	10.7	4.6	618.9	618.6	618.7	53	45	100	SE 4	SE 4	SE 2	3	10	10≡	0.6	↙ n–II, p ●°, ≡2 III
5	9.4	9.8	5.8	8.3	2.0	617.8	616.7	617.7	50	55	100	SE 1	SE 1	W 2	o	10	10-	11.8	≡ III–n, n ●
6	5.2	1.8	1.4	2.8	−3.6	617.4	617.3	617.6	100	100	100	W 1	W 2	W 2	10●≡	10●△	10●	32.4	≡ I, ●2, ✶ △ II
7	2.4	7.6	5.8	5.3	−1.2	619.0	619.4	620.0	100	90	88	W 1	W 1	E o	10≡	10≡	o	.	≡ n–II
8	6.2	10.8	9.2	8.7	2.1	619.1	619.1	619.1	53	67	75	SE o	W o	W 2	o	o	10	.	
9	7.6	7.6	6.8	7.3	0.6	619.6	619.7	620.0	98	100	100	W 1	W 1	SE 1	10●	10●	10	1.9	● n–II
10	7.8	10.8	10.0	9.5	2.6	619.4	619.2	619.0	85	72	65	W 2	W 1	W 4	10	3	o	.	↙ III–n
11	6.8	8.8	6.2	7.3	0.3	618.1	619.1	619.2	78	100	100	W 4	W 2	W 1	10	10≡	10≡	.	↙ l, p ≡
12	5.4	6.8	5.4	5.9	−1.2	618.2	618.3	618.9	100	100	100	W 4	W 2	W 1	10≡	10≡	10●	34.5	↙ l, ≡ n–p, ●2 III–n
13	5.8	6.8	5.4	6.0	−1.2	619.0	619.4	620.6	100	100	98	W o	W o	N o	10≡	10≡	8	0.3	≡ n–p
14	7.8	4.6	8.2	6.9	−0.4	620.7	621.3	621.2	75	95	95	SE 1	NE 1	E o	10≡	10	10	.	≡ I
15	11.6	12.6	11.4	11.9	4.5	620.9	**621.6**	621.5	58	70	90	W o	NW 1	SE o	o	8	o	.	
16	12.4	12.4	11.8	12.2	4.6	621.5	621.4	620.8	75	74	43	W o	N 1	NE o	o	7	o	.	
17	12.8	14.4	11.4	12.9	5.2	620.4	620.2	619.9	56	62	65	NE o	NE 1	SE 3	o	3	10●	3.9	↖ ● ↙ III
18	11.4	13.2	10.6	11.7	3.9	619.3	619.1	619.0	66	62	87	W 1	W 1	S 1	o	7	7	1.4	n (18/19) ●
19	9.8	13.4	8.4	10.5	2.6	619.7	618.7	618.9	85	82	92	W 2	N 1	W 1	10	7	10	35.5	p ↖ ●2, n ●2
20	6.2	7.2	5.2	6.2	−1.8	617.6	617.3	616.7	100	92	100	W 1	W 1	W 1	10≡	10	10≡	31.5	●2 ≡, ≡° II
21	1.8	2.0	1.6	1.8	−6.3	616.4	616.2	615.9	100	100	95	SE 1	W 1	W 1	10≡	10≡	10✶△	16.8	≡ n–p, ✶ △ III, n ✶
22	1.4	2.0	1.8	1.7	−6.5	616.1	617.2	618.5	100	100	100	NW 1	SW 1	SW 1	10=	10≡	10≡	16.0	≡ ● ☒
23	5.8	9.6	8.2	7.9	−0.4	618.5	619.1	619.2	65	67	85	SE 1	NE o–1	S 1	3	10	8	.	
24	7.6	8.4	7.8	7.9	−0.5	618.9	618.2	617.6	82	82	100	W 2	W 2	W o	10	10●	10≡	21.0	p n ●2, ≡ III
25	3.2	1.8	1.4	2.1	−6.4	615.3	**614.0**	614.1	100	100	100	SW 2	NE 2	W 2	10●	10●	10●*	**57.5**	●2, ✶ III
26	1.2	1.8	3.0	2.0	−6.5	616.0	617.7	618.8	100	95	98	W 1	NW 1	W 1	10●	10	10●	6.8	●
27	3.6	3.6	3.2	3.5	−5.1	618.3	617.2	617.8	85	100	100	W 1	W 2	W 2	10	10●	10≡	52.8	p n ↖ ●2, ≡ III
28	**1.0**	1.2	2.2	1.5	−7.2	618.8	619.9	621.5	100	98	100	W 2	NW 1	S 2	10✶	10	10≡	7.6	n a ✶, p ≡ ☒
29	2.0	4.6	5.2	3.9	−4.9	620.7	620.6	620.7	100	100	100	W 4	W 4	W 4	10●	10≡	10≡	10.0	a ●, ↙, p ≡
30	1.2	4.8	2.5	2.8	−6.1	619.8	620.0	619.7	100	100	95	W 4	W 2	S 2	10≡	10≡	7	.	↙ l, ≡ n–p
																		Summe	
Mittel	6.8	8.3	7.0	7.4	—	618.6	618.7	618.9	81	81	88				7.2	8.3	8.0	342.3	

Juni 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	11.6	15.8	10.6	12.7	4.6	624.9	623.6	625.2	80	54	74	S 1	SW 3	W 1	4	9	10	.	☄ II, ●° $5^3/_4$–6p
2	9.8	18.1	11.1	13.0	4.8	625.1	624.4	624.8	84	43	65	E 1	SW 1	W 1	2	6	8	.	
3	9.4	18.2	9.0	12.2	3.9	626.2	626.0	626.8	90	42	70	SW 1	S 3	W 1	10●	3	0	0.2	●° I
4	9.0	**19.6**	7.1	11.9	3.5	626.7	624.7	625.2	90	40	95	E 1	S 2	W 1	5	3	10	8.0	⛆ ● ☄ $4^3/_4$–$5^3/_4$p
5	8.2	14.2	8.8	10.4	1.8	624.4	623.3	623.7	94	55	81	SE 0	SW 3	W 2	7	6	10●	9.5	☄ II, ● III–n
6	6.4	9.6	3.4	6.5	−2.2	623.1	621.8	622.8	93	72	94	SW 0	W 1	N 1	10●	9●	10●	**18.5**	≡° I, ●
7	3.6	8.0	5.0	5.5	−3.3	623.7	623.7	625.2	91	54	60	N 1	W 3	NE 2	10	9	3	.	☄ II
8	3.5	16.4	7.8	9.2	0.3	625.4	623.8	624.5	85	38	72	SE 1	S 1	NE 1	0	1	1	.	
9	7.4	16.6	10.8	11.6	2.6	624.7	623.7	624.6	87	44	68	S 1	SW 3	NE 1	3	7	6	.	☄ II
10	9.2	17.6	9.0	11.9	2.8	624.5	623.6	623.8	84	39	74	SE 1	W 1	W 1	0	2	5	.	
11	10.6	17.2	11.1	13.0	3.7	622.8	623.0	623.6	97	42	55	SE 0	W 3	W 1	1	7	4	.	☄ a–II
12	8.2	16.6	9.4	11.4	2.0	622.8	622.2	623.6	89	42	70	E 1	W 4	NE 1	1	8	10	.	☄ a–II
13	9.0	16.4	9.6	11.7	2.2	624.0	623.3	625.1	84	34	57	SE 0	W 4	NE 2	5	2	7	.	☄ II
14	10.2	16.8	9.8	12.3	2.7	625.8	625.5	626.5	52	40	70	W 2	SE 2	W 1	4	0	0	.	
15	9.4	17.2	9.6	12.1	2.4	627.0	626.1	**627.1**	77	37	86	S 1	N 1	— 0	4	4	0	.	
16	9.0	19.2	6.8	11.7	1.9	627.0	625.1	626.1	89	34	84	W 0	N 0	W 1	10	3	0	.	Ψ III
17	7.6	19.0	10.0	12.2	2.3	625.7	624.4	625.2	88	**31**	89	SW 0	N 1	W 1	0	1	4	.	●° 4p
18	10.8	18.8	7.3	12.3	2.3	624.7	623.3	624.8	87	48	95	SW 1	S 2	NE 1	5	6	9	7.0	●° 1p, ● $2^1/_2$–6p
19	10.6	16.0	9.2	11.9	1.8	624.0	623.2	623.8	85	67	94	SW 0	S 3	S 1	7	7	10●	6.3	☄ II, ● 0p–n
20	9.6	11.6	8.2	9.8	−0.4	622.5	621.5	621.4	95	76	97	E 1	SE 2	NE 1	9	10●	10	12.0	● a–II, n
21	3.2	11.8	4.0	6.3	−4.0	620.7	620.1	620.5	92	55	70	N 3	E 2	W 1	10●	7	1	3.9	● ✳ 8–$8^1/_4$a, ● I, n
22	3.6	7.4	5.0	5.3	−5.0	620.4	621.0	623.2	90	64	75	N 1	W 3	N 1	10	10	10●	0.6	☄ II, p ●°
23	6.0	14.4	6.2	8.9	−1.5	623.8	623.0	624.3	80	43	66	NE 1	SW 3	W 1	4	1	0	.	☄ II
24	7.6	16.1	6.0	9.9	−0.6	624.2	622.5	623.0	81	42	90	SE 0	S 3	S 2	9	8	7	2.0	☄ II, ● $2^1/_2$p–p
25	5.4	7.8	4.1	5.8	−4.8	619.9	618.3	**617.6**	96	75	80	N 1	N 2	N 1	10	10	10●	9.6	● a, III
26	4.6	7.2	4.8	5.5	−5.2	619.1	621.0	623.2	60	66	70	N 3	NE 4	NE 1	10	10	10	.	a ☄, ☄ II
27	4.9	8.6	3.6	5.7	−5.1	622.5	621.5	622.4	85	54	86	N 1	W 3	N 2	9	10	10	7.3	☄ II, p n ●
28	**2.6**	8.2	3.0	4.6	−6.2	622.8	623.7	625.7	94	51	82	NE 1	NW 2	NE 2	10	6	10●	1.1	✳ 6a, p ●
29	4.8	9.6	8.0	7.5	−3.4	625.0	624.3	623.9	83	70	64	SE 1	SW 2	W 3	10	10●	10	4.3	● a–II, ☄ III–n
30	6.6	9.4	6.0	7.3	−3.7	623.5	623.6	623.9	59	45	52	N 2	N 5	NE 1	8	5	7	.	☄ II
Mittel	7.4	14.1	7.5	9.7	—	623.9	623.2	624.0	85	50	76				6.2	6.0	6.4	Summe 90.3	

Juni 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^m$, $G = 0.00\,^m/_m$.

1	18.7	20.8	15.3	18.3	2.1	713.5	**712.0**	715.1	61	**33**	83	SE 0	NW 1-2	SW 0	6	8	3	.	☄ 10a–II, ●° $3^1/_2$p
2	15.2	23.0	20.9	19.7	3.4	714.9	714.1	714.4	82	61	**33**	S 0	SW 0	N 0	6	7	1	.	
3	18.0	27.0	18.4	21.1	4.7	716.4	716.7	717.3	55	38	85	NE 0	SW 1-2	S 0-1	1	4	1	.	
4	17.0	20.0	14.9	17.3	0.8	717.6	716.0	718.2	91	73	97	SW 0	NE 0-1	SW 0	8	8	10●	6.0	● $0^1/_2$–$1^1/_2$, 8p–n, ⛆ III
5	13.8	21.6	16.2	17.2	0.6	717.1	714.7	716.2	82	53	72	E 0	SW 0-1	E 0	0	7	6	0.4	●° $3^1/_2$p
6	13.4	18.2	12.8	14.8	−1.9	716.9	716.1	717.8	97	54	60	SW 0-1	SW 0	NE 0	10	5	5	.	●° n–I
7	13.0	20.4	13.7	15.7	−1.1	719.5	718.0	719.0	59	35	59	SW 0-1	SW 1-2	SW 0	1	1	1	.	
8	12.4	22.5	17.0	17.3	0.4	720.0	716.6	716.8	64	40	53	E 0	SW 1	NW 0	0	0	0	.	
9	14.9	23.4	17.6	18.6	1.6	719.0	716.6	717.9	81	49	61	E 0-1	SW 2-3	SW 0-1	3	2	0	.	☄ II
10	15.5	24.8	19.2	19.8	2.7	720.1	716.4	716.4	74	46	49	E 0-1	WSW 2	SW 0-1	0	1	0	.	
11	18.0	23.8	18.0	19.9	2.7	718.1	716.7	717.1	54	37	62	SW 0-1	SW 2	SW 1-2	0	9	0	.	
12	17.7	22.0	17.6	19.1	1.8	718.0	716.2	717.5	69	49	65	S 1	W 2-3	SW 0-1	0	8	10	.	☄ II, ●° 8p
13	17.8	24.4	18.4	20.2	2.8	718.9	716.3	717.9	70	47	55	SE 0	SSW 2-3	SW 0-1	0	0	0	.	☄ II
14	15.6	24.4	18.6	19.5	2.0	719.9	717.4	718.2	70	47	65	E 0-1	SW 1-2	E 0	0	0	1	.	
15	17.2	25.4	19.0	20.5	2.9	719.7	717.7	718.1	81	50	55	SW 0	SW 1-2	E 0	0	5	0	.	
16	17.4	**27.1**	21.6	22.0	4.3	719.6	716.5	717.4	64	42	57	E 0	SW 1-2	WSW 0	0	5	2	.	
17	18.3	26.8	16.8	20.6	2.8	718.2	715.4	718.0	70	50	91	E 0	SW 1-2	NE 0	0	4	7	2.2	● $6^1/_2$–8p
18	17.1	26.1	18.0	20.4	2.5	717.4	714.9	717.3	78	45	75	SE 0	S 0-1	SW 0-1	0	3	8●	1.4	● 8–$9^3/_4$p
19	15.6	25.0	18.0	19.5	1.5	718.0	715.6	716.7	95	50	65	SW 0	SW 0-1	SW 0-1	10	5	7	0.4	●° 6a, $5^1/_2$–$6^1/_2$p
20	15.3	20.2	15.4	17.0	−1.1	715.6	715.1	715.0	92	57	74	SW 0-1	SW 0-1	SW 1-2	10	9	8	1.5	●° $5^3/_4$–7^3a, 6p, ● 8–$8^3/_4$a
21	13.2	20.0	14.5	15.9	−2.3	715.6	715.0	714.0	66	38	55	SW 1-2	SW 1-2	SW 0-1	3	4	8	0.8	n ($^{21}/_{22}$) ●°
22	12.2	17.4	12.5	14.0	−4.3	717.3	717.0	718.7	75	46	66	W 1	SW 1	SW 0	8	10	4	.	
23	12.1	20.9	17.2	16.7	−1.6	719.2	717.0	717.1	70	43	56	S 0-1	SW 1	NW 0	0	0	0	.	⏢ I
24	14.0	21.5	16.0	17.2	−1.2	718.3	716.0	715.8	80	57	65	SE 0	SW 1	NNW 0	10	5	6	8.5	●° 9a, 2, 7p, n ●
25	13.3	16.7	**10.0**	13.3	−5.2	714.8	712.3	714.0	100	62	90	S 0	NNW 2	SW 0	10●	10	7	2.1	● 6–9a, III, n
26	11.2	19.0	13.3	14.5	−4.1	716.0	716.4	718.3	72	40	62	S 0-1	SW 1-2	WSW 0	10	4	3	.	
27	11.7	16.9	13.0	13.9	−4.7	718.9	717.0	718.1	73	54	85	S 0	NW 0	SW 0	0	8	10	1.5	●° 5p
28	11.9	19.2	14.7	15.3	−3.4	719.4	718.9	721.5	81	37	44	N 0	SW 1-2	W 1	5	4	6	0.1	● $4^1/_2$a
29	12.4	20.6	16.0	16.3	−2.5	**722.0**	720.5	720.2	75	50	60	SW 1-2	SW 1-2	SW 0-1	10	6	8	.	●° n–I
30	16.8	23.0	15.9	18.6	−0.2	719.3	717.7	718.0	50	35	51	NW 0	SW 1-2	SW 0	0	2	0	.	
Mittel	15.0	22.1	16.3	17.8	—	718.0	716.2	717.3	74	47	65				3.7	4.8	4.1	Summe 24.9	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$H_b = 276.2^m$, $G = 0.03\ ^m/_m$.

Lugano.

Juni 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	1³⁰	9³⁰	Relative Feuchtigkeit 7³⁰	1³⁰	9³⁰	Windrichtung und Stärke 7³⁰	1³⁰	9³⁰	Bewölkung 7³⁰	1³⁰	9³⁰	Niederschlag	Witterung
1	17.8	27.6	18.0	21.1	3.8	739.4	738.6	739.6	86	55	77	N 0	S 0	N 0	6	0	0	.	●° 5–6p
2	19.4	27.6	19.8	22.3	4.9	740.0	739.4	737.9	70	51	69	N 0	S 0	NW 0	8	4	10	12.0	n (2/3) K ● ↙
3	17.6	26.4	19.2	21.1	3.6	741.4	742.6	741.8	78	68	86	N 0	SE 0	N 0	8	3	0	.	●° 7¼–7½p, n
4	20.0	20.4	16.0	18.8	1.2	741.9	740.5	741.2	80	80	90	N 0	SW 2	N 0	3	10	8	17.0	↙ II, ● 1½p–n, K 1¾, 3½,
5	16.6	22.8	15.4	18.3	0.5	741.4	740.3	739.0	86	71	87	NE 0	SW 0	W 0	0	8	10●	23.0	K ● 8¾–9¾p [10½p–n
6	16.6	17.0	14.0	15.9	−2.0	739.3	738.3	737.7	86	89	90	W 0	N 0	NW 0	9	10●	10●	**31.3**	K ● 4a, a ●, K 2p, p n ●²
7	16.4	21.8	**12.0**	16.7	−1.3	738.2	738.5	738.8	38	29	76	N 1	N 2	N 0	2	0	0	.	↙ 9a–8½p
8	15.8	24.4	17.0	19.1	1.0	742.1	740.5	740.0	65	61	75	N 0	S 0	N 0	0	0	0	.	
9	17.6	26.4	18.4	20.8	2.5	739.4	737.8	738.4	80	61	88	N 0	S 0	N 0	1	0	0	.	
10	17.6	26.8	19.6	21.3	2.9	739.4	738.9	738.0	81	64	80	N 0	S 0	N 0	3	0	0	.	
11	19.6	28.6	23.2	23.8	5.3	737.1	735.4	735.8	82	64	40	N 0	S 0	N 0	0	0	0	.	
12	19.0	**30.4**	23.8	24.4	5.8	735.5	734.3	736.1	60	32	36	E 0	NE 1	NE 0	0	0	0	.	↙ 4¾p
13	19.8	26.2	18.6	21.5	2.7	738.5	737.8	739.3	63	64	88	NE 0	S 0	N 0	0	0	0	.	
14	16.8	27.0	21.2	21.7	2.8	740.7	740.7	742.8	85	50	68	N 0	SSE 0	NW 0	0	0	8	.	
15	18.2	22.8	19.2	20.1	1.1	**745.2**	744.6	744.0	67	59	72	SW 0	S 0	SW 0	10	3	10	.	
16	16.6	22.8	19.2	19.5	0.4	744.8	743.5	742.8	80	62	67	N 0	SE 0	SW 0	10	0	10	.	
17	18.0	26.0	20.2	21.4	2.2	742.8	740.9	741.0	73	55	76	N 0	S 0	N 0	6	0	10	.	
18	19.2	24.2	19.0	20.8	1.5	740.6	739.5	739.7	83	69	86	NW 0	SSE 0	N 0	10	8	3	.	
19	18.4	22.6	20.8	20.6	1.2	739.8	739.0	738.6	86	76	62	N 0	S 0	SW 0	8	10	10	.	p <, n K
20	18.0	21.0	16.6	18.5	−1.1	738.1	737.2	736.1	86	86	92	N 0	E 0	N 0	10	8	10	17.4	● 8a–n
21	15.6	25.0	19.8	20.1	0.4	735.4	733.7	734.8	90	30	29	N 0	NNE 1	NNE 1	4	2	2	.	
22	18.0	24.2	18.0	20.1	0.3	735.0	735.8	737.7	49	33	38	N 1	E 1	NE 1	3	4	0	.	
23	15.6	24.6	16.8	19.0	−0.9	739.3	739.1	738.7	63	50	75	N 0	SSE 0	W 0	0	0	0	.	
24	17.0	25.8	18.2	20.3	0.3	740.8	739.1	737.9	87	61	81	W 0	SE 0	N 0	10	4	0	.	
25	17.0	22.2	15.2	18.1	−2.0	735.2	733.0	**731.0**	80	69	98	N 0	E 1	NW 0	10	4	10	26.3	K 8½–9½a, a ●², p ●
26	17.8	22.4	19.2	19.8	−0.4	731.4	734.1	737.2	29	**26**	31	NE 2	NE 2	NE 2	1	0	0	.	↙
27	19.2	24.6	18.0	20.6	0.3	737.0	735.6	736.8	32	29	35	NE 1	NNE 1	N 0	4	2	0	.	
28	18.2	21.4	18.8	19.5	−0.9	738.3	738.4	738.8	39	27	57	NE 1	NE 2	NE 1	0	0	0	.	↙ II
29	16.8	24.6	21.8	21.1	0.7	741.3	739.2	738.2	52	54	33	N 0	S 0	N 0	0	0	0	.	
30	20.2	27.2	20.4	22.6	2.1	738.2	737.3	738.5	31	42	**26**	NE 0	NE 1	NE 1	0	0	0	.	
Mittel	17.8	24.5	18.6	20.3	—	739.3	738.4	738.6	69	55	67				4.2	2.7	3.7	Summe 127.0	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$H_b = 277.2^m$, $G = 0.13\ ^m/_m$.

Basel.

Juni 1913.
Bernoullianum.

Tag	Lufttemperatur 7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	Luftdruck 7³⁰	1³⁰	9³⁰	Relative Feuchtigkeit 7³⁰	1³⁰	9³⁰	Windrichtung und Stärke 7³⁰	1³⁰	9³⁰	Bewölkung 7³⁰	1³⁰	9³⁰	Niederschlag	Witterung
1	14.8	20.8	17.2	17.6	2.2	736.3	**736.0**	739.1	93	72	71	NW 1	W 1	W 0	10	8	10	0.1	●° 3¾–4½p
2	15.0	21.4	18.4	18.3	2.8	738.7	738.4	737.3	85	66	86	S 1	W 1	W 0	8	7	2	.	
3	18.4	25.4	19.4	21.1	5.5	739.5	738.8	740.1	83	49	81	SW 1	W 1	SW 1	5	2	10	.	
4	17.8	21.8	15.2	18.3	2.6	740.2	738.7	740.2	84	67	83	W 1	W 1	S 1	10	10	5	1.0	●° 7–7¼, 8¼p [10¾p
5	15.8	22.8	17.8	18.8	2.9	739.0	737.0	739.1	85	48	62	E 1	E 1	W 1	2	9	10	0.7	● 0–1½a, K II, ●° 3, 4, 10–
6	13.2	16.0	12.2	13.8	−2.2	740.7	740.4	742.1	86	54	68	W 0	W 2	W 1	10	5	7	.	●° 3–4¼, 5¾–6¼a
7	11.8	15.6	13.8	13.7	−2.4	743.8	743.7	743.6	76	52	65	S 1	NW 1	NW 0	7	7	3	.	
8	12.0	20.8	17.6	16.8	0.6	742.5	740.2	740.3	74	44	71	E 1	E 1	W 1	0	1	7	0.1	
9	15.4	21.2	16.2	17.6	1.3	741.9	741.4	742.3	83	51	66	SW 1	SW 1	SW 1	10●	5	6	0.1	●° I
10	14.0	22.6	18.6	18.4	2.0	741.9	739.2	738.8	74	43	51	SE 1	NW 1	NW 1	7	4	1	.	
11	15.9	19.0	16.8	17.2	0.7	740.4	741.2	741.0	61	54	72	W 2	W 2	W 1	10	5	8	.	
12	15.4	17.6	12.2	15.1	−1.6	740.6	740.7	742.8	67	62	86	W 1	W 2	W 1	7	10	10	0.2	●° 1¾a, 5–6p
13	13.0	19.4	17.0	16.5	−0.3	742.3	741.9	742.9	86	46	67	W 1	SW 1	SW 1	10	5	8	.	
14	12.8	20.9	17.6	17.1	0.2	744.8	743.3	743.6	84	41	44	NW 1	E 1	E 1	6	5	2	.	
15	12.0	23.4	20.2	18.5	1.5	743.4	742.2	741.8	72	**37**	50	E 1	E 1	E 1	0	0	0	.	
16	16.6	26.1	21.2	21.3	4.2	742.1	740.4	738.7	56	**37**	66	E 1	N 0	N 0	0	2	4	.	
17	18.0	**27.3**	19.0	21.4	4.2	740.3	738.6	739.1	67	38	90	SE 1	NW 1	S 0	2	5	6	11.9	K ● ▲ 3½–5p [< III
18	17.3	26.3	19.7	21.1	3.8	739.0	737.2	737.8	77	44	80	SE 1	S 1	S 0	0	2	7	5.0	K ● 4½–5½, 10½–11½p,
19	17.8	24.8	18.4	20.3	2.9	739.0	738.1	739.6	86	48	81	SE 1	W 1	W 1	7	5	10	**21.8**	● 2½–2¾, 6–6¼a, 10½p–
20	14.8	16.4	11.8	14.3	−3.2	739.5	738.7	740.5	95	87	95	W 0	W 0	W 0	10	10	10●	12.5	● 7¾a–0¼, 3¾p–0¼a [6a
21	11.2	13.4	11.8	12.1	−5.4	739.8	739.1	738.8	90	84	87	W 0	W 1	W 1	10●	7	8	4.8	● 7¼–8¾a, 0–6, 8¼–9¼p
22	12.4	13.2	13.2	12.9	−4.7	740.5	741.5	742.4	83	80	86	W 1	W 1	W 1	10	10	10	0.4	● 1¼–3a, ●° 10a, 0p
23	12.0	20.0	16.7	16.2	−1.5	742.4	741.0	740.2	86	51	69	SE 1	E 1	E 0	1	5	4	.	
24	13.8	21.6	17.6	17.7	−0.1	739.9	737.9	738.8	80	56	65	E 1	W 1	W 1	10	8	10	0.7	●° 11¼a, 1¾–2½p
25	13.2	12.4	**10.8**	12.1	−5.8	737.9	737.1	738.2	82	83	93	W 1	W 1	W 1	10	10●	10●	6.5	● 9½, 11¼a–1½, 4¼– *)
26	11.0	16.6	14.0	13.9	−4.1	740.7	741.3	742.1	93	63	80	W 0	NW 1	S 1	9	9	8	0.1	● 1–3¾, 6¼–6½a
27	11.4	17.4	12.7	13.8	−4.3	741.3	739.9	741.2	87	63	94	SE 1	W 1	SW 1	10	6	10●	6.9	● 8–11¾a, 5p–1¾a
28	12.0	15.4	13.0	13.5	−4.6	743.8	744.3	**746.2**	86	59	84	N 1	N 1	SW 1	8	8	10●	1.5	● 6¼a, 8¾–9½p
29	11.4	15.2	16.2	14.3	−3.9	744.4	744.0	743.5	95	81	75	S 0	W 1	W 1	10●	10	7	0.2	● 5¼–6½a, ●° 7¾–8¼a, [0½–0¾p
30	13.4	17.6	13.4	14.8	−3.5	744.1	743.4	743.0	67	53	78	W 1	N 1	N 0	2	7	2	.	
Mittel	14.1	19.8	16.0	16.6	—	741.0	740.2	740.8	81	57	75				6.7	6.2	6.8	Summe 74.5	

*) **25.** 4¾, 8¾–9¼p

Juni 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$H_b = 2500.1^m$, $G = -0.16\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	5.9	7.9	6.1	6.6	5.6	566.1	565.9	567.4	76	75	80	NE 2	SE 4	SSE 4	8	7	9	.	↙ $10^{1}/_{2}{}^{a}$–n
2	6.9	9.7	7.8	8.1	7.0	567.3	568.4	568.4	70	69	73	SSE 3	SSE 1	SSE 3	7	7	6	.	≤° III
3	6.4	9.6	6.7	7.6	6.3	568.2	569.2	569.5	76	71	67	SE 2	SSW 1	SW 2	7	8	2	.	
4	7.3	9.7	3.2	6.7	5.3	568.5	568.4	567.6	70	70	86	SSW 3	WSW 1	NNW 2	6	5	7	0.2	≡ 5–$5^{1}/_{4}{}^{p}$ [✳●
5	4.5	7.9	2.3	4.9	3.4	566.6	566.6	566.4	78	70	100	SW 3	SSW 2	WSW 2	3	7	10≡	13.2	≡ $4^{3}/_{4}$–$5^{3}/_{4}$, $8^{1}/_{2}{}^{p}$–n, n
6	0.9	–1.9	–2.7	–1.2	–2.8	565.5	564.7	565.5	100	100	100	W 2	WNW 2	NW 1	10≡✳	10≡✳	10≡✳	32.7	≡, ✳ $6^{3}/_{4}{}^{a}$–2^{p}, ✳² ⋁
7	–3.5	–0.3	–2.3	–2.0	–3.7	565.9	566.8	567.6	95	98	91	WSW 2	SW 1	SW 1	10≡	10≡	1	.	≡ n–7^{p} [✢–n
8	2.6	5.6	3.8	4.0	2.2	567.3	567.7	567.8	64	81	98	SSE 1	SW 1	WSW 3	1	1	2	0.2	
9	2.5	3.7	1.4	2.5	0.6	567.7	567.9	568.1	100	100	100	WSW 4	WSW 3	WSW 3	10≡	10≡●	10≡	7.0	↙ I, ≡, ● $1^{1}/_{4}$–3^{p}
10	1.3	5.9	3.8	3.7	1.7	567.3	567.4	566.6	100	83	95	WSW 3	SW 4	WSW 5	10≡	7	7	.	≡ n–$8^{1}/_{2}{}^{a}$, 7–$7^{1}/_{2}{}^{p}$, ↙, *)
11	1.0	1.6	1.7	1.4	–0.7	565.4	566.2	566.7	93	98	100	WSW 5	WSW 5	WSW 4	9	10≡	10≡	4.0	≡ 8–$8^{1}/_{4}{}^{a}$, 1^{p}–n, ↙, n ●
12	1.4	2.2	0.8	1.5	–0.7	565.3	565.7	566.8	100	100	100	WSW 5	WSW 5	NW 2	10≡	10≡	10≡●	40.4	↙ n–$4^{1}/_{2}{}^{p}$, ≡, ●^{2} $2^{1}/_{2}{}^{p}$-n
13	1.0	2.5	0.6	1.4	–0.9	566.4	567.3	568.5	100	100	100	WSW 4	WSW 4	WNW 3	10≡●	10≡	10≡	3.6	● $7^{1}/_{4}$–$8^{1}/_{4}{}^{a}$, ≡ ↙
14	0.4	3.8	3.1	2.4	0.0	568.7	569.6	569.8	98	93	87	NW 1	SSE 1	SE 1	6	7	4	.	
15	5.1	7.8	6.3	6.4	3.9	569.6	570.7	**570.8**	85	85	65	WSW 2	WSW 2	WNW 1	1	9	1	.	
16	6.1	8.2	6.5	6.9	4.4	570.0	570.3	569.8	80	78	**60**	WNW 3	NW 0	NW 1	1	7	1	.	
17	6.6	8.2	6.4	7.1	4.5	569.1	569.4	569.3	75	89	**60**	N 1	NNW 1	N 1	1	10	6	.	[◠ $4^{1}/_{2}{}^{p}$
18	7.5	**10.4**	5.4	7.8	5.1	568.3	568.2	567.8	79	83	90	N 1	WNW 1	SW 2	3	9	8	4.4	● $3^{1}/_{4}$–$4^{1}/_{2}$, $7^{1}/_{4}$–$7^{1}/_{2}{}^{p}$,
19	5.2	6.6	2.9	4.9	2.1	567.2	567.4	567.3	98	91	100	WSW 3	WSW 3	WSW 2	0	7	9	7.9	≡ $9^{1}/_{4}{}^{a}$–$9^{1}/_{4}{}^{p}$, ● $6^{3}/_{4}$–*)
20	4.1	3.9	2.4	3.5	0.6	565.8	565.5	565.0	98	97	95	WSW 2	NNW 1	NW 1	10≡●	10≡●	10≡●	31.0	●^{2} ≡ n–$5^{1}/_{2}$, $7^{1}/_{2}{}^{p}$–n
21	–2.5	–1.5	–2.4	–2.1	–5.1	563.3	563.4	563.3	100	100	100	WSW 1	WSW 2	WSW 2	10≡✳	10≡✳	10≡	13.0	✳ n–$9^{1}/_{2}{}^{a}$, 1–2, $7^{1}/_{4}$– *)
22	–2.6	–1.4	–2.1	–2.0	–5.1	563.3	564.4	565.9	100	98	100	W 1	WSW 2	WNW 1	10≡✳	10≡✳	10≡✳	18.2	✳ n–$7^{3}/_{4}$, $11^{1}/_{4}{}^{a}$–n, ≡ *)
23	–1.7	2.1	1.5	0.6	–2.6	566.2	567.2	567.3	100	90	94	WSW 1	SW 1	WSW 3	6	5	4	.	≡ n–$7^{1}/_{2}$, $9^{3}/_{4}$–$11^{3}/_{4}{}^{a}$, *)
24	2.2	3.8	1.2	2.4	–0.9	566.7	566.5	565.7	100	93	100	WSW 4	WSW 3	WSW 3	10≡	9	10≡	31.8	↙ a, $4^{1}/_{2}{}^{p}$, ≡ 7–$8^{3}/_{4}{}^{a}$, *)
25	–0.5	–0.6	–3.2	–1.4	–4.8	562.8	**561.4**	**561.4**	100	100	100	WSW 3	WSW 3	WNW 1	10≡✳△	10≡✳	10≡✳	24.7	✳ △ ⋁ n–9^{a}, ✳² ≡
26	–3.3	–2.2	–2.1	–2.5	–6.0	562.9	565.2	566.3	100	100	100	NNW 1	NNE 1	NNW 1	10≡✳△	10≡	10≡	8.9	△ ✳ ✢ n–$9^{1}/_{2}{}^{a}$, ≡ *)
27	–1.4	–1.7	–1.4	–1.5	–5.1	565.2	564.1	564.6	100	100	100	W 1	WSW 3	SW 2	10≡	10≡✳△	10≡✳	**66.6**	✳ $S^{1}{}_{2}$–$9^{3}/_{4}{}^{a}$, ✳² △² *)
28	**–4.0**	–2.1	–3.9	–3.3	–7.0	565.3	566.6	568.4	100	100	100	NE 1	NW 1	WSW 2	10≡✳	10≡✳	10≡	14.0	⋁ I, ✳ n–$8^{1}/_{2}$, $10^{3}/_{4}{}^{a}$– *)
29	–2.3	–0.1	0.8	–0.5	–4.2	567.1	566.9	566.9	100	100	100	WSW 3	WSW 4	SW 5	10≡✳△	10≡	10≡△●	38.9	⋁ ✳ △ ✢ n–11^{a}, ≡², *)
30	–2.4	–1.5	–2.3	–2.1	–5.9	566.3	566.9	566.8	100	100	100	WSW 2	WSW 1	WNW 1	10–	10–	10–	1.3	≡ ⋁, △ $5^{1}/_{2}$–$6^{3}/_{4}{}^{p}$, n ✳
																		Summe	
Mittel	1.8	3.6	1.7	2.4	—	566.5	566.9	567.1	91	90	91				7.6	8.5	7.6	362.0	

*) **10.** ↙ 5^{p}–n *) **19.** $8^{1}/_{2}{}^{p}$ *) **21.** $7^{1}/_{2}{}^{p}$, ⋁ ≡, ↙ $4^{1}/_{2}{}^{p}$ *) **22.** ⋁, ✢ 0–7^{p} *) **23.** $5^{1}/_{4}{}^{p}$ *) **24.** 2^{p}–n, ⋉ $2^{1}/_{2}$–$2^{3}/_{4}$, $7^{1}/_{2}$–$8^{1}/_{4}{}^{p}$, ●^{2} $7^{1}/_{2}$–$9^{1}/_{4}{}^{p}$ *) **26.** ⋁, ✳ $4^{1}/_{2}$–$6^{1}/_{2}$, $8^{1}/_{2}$–$8^{3}/_{4}{}^{p}$ *) **27.** ✢ $10^{1}/_{2}{}^{a}$–$3^{1}/_{2}{}^{p}$, ≡² ⋁, ⋉² III, ✳² ✢ $6^{1}/_{4}{}^{p}$–n *) **28.** $2^{1}/_{4}{}^{p}$, ≡, ✳ △ $3^{1}/_{2}$–8^{p} *) **29.** p ↙, ●^{2} $4^{1}/_{4}{}^{p}$–n, △^{2} 9^{p}–n

Juni 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^{m}/_{m}$.

1	5.8	8.8	7.2	7.3	4.1	594.9	595.0	595.9	92	60	60	S 1	SE 2	SE 2	10	10	10	0.9	≡° I, a ●°
2	8.2	12.2	8.4	9.6	6.3	596.0	596.2	596.3	52	38	54	SE 2	SE 1	SSE 1	9	9	9	.	
3	7.0	10.5	7.9	8.5	5.1	597.1	598.0	598.3	66	56	59	SSE 0	S 1	S 1	9	9	8	.	
4	7.7	7.9	4.7	6.8	3.3	597.5	596.5	595.8	63	62	90	S 1	SE 1	S 1	8	10●	10●	18.3	● 1^{p}–n
5	5.0	5.4	4.0	4.8	1.1	595.4	595.3	594.8	80	82	100	S 1	S 1	S 1	10≡	10●	10≡	16.5	≡ I, III, ● 10^{a}–$3^{3}/_{4}$, 6^{p}
6	3.0	2.2	–0.1	1.7	–2.1	593.8	593.4	593.3	94	93	100	S 0	NE 1	N 2–3	10●	10●	10●≡	14.5	≡ I, ● $7^{1}/_{2}{}^{a}$–n, ≡ ↙ III-
7	**–2.0**	0.2	0.0	–0.6	–4.5	593.7	594.8	595.8	93	55	50	N 3	N 3	N 3–4	6	3	2	.	↙ [n, n ✳
8	6.3	11.9	5.6	7.9	3.9	596.2	595.9	596.0	**21**	25	32	SSE 1	SSE 1	SSE 1	0	0	2	.	
9	4.9	7.8	4.4	5.7	1.6	596.1	596.3	596.3	84	70	90	NNE 2	N 2	N 2	9	6	10	.	
10	4.2	10.2	6.9	7.1	2.9	595.7	595.9	596.2	61	35	42	N 1	N 0	N 0	7	6	1	.	
11	6.5	6.2	4.5	5.7	1.3	594.9	595.4	595.2	60	63	90	N 0	N 1	N 1	1	9	10≡	.	≡ III
12	4.0	6.0	4.0	4.7	0.2	594.8	594.5	594.6	95	84	99	N 2	N 3	N 3	4	9	10	5.5	p ↙, ≡² III, n ●
13	4.4	8.4	3.4	5.4	0.8	595.4	595.7	596.6	56	55	85	N 2	N 1	N 1	1	0	1	.	
14	2.8	9.4	7.1	6.4	1.7	596.9	597.6	598.2	91	30	82	N 2	N 1	N 0	10≡	0	7	.	≡ I
15	6.4	13.4	8.0	9.3	4.5	598.4	598.6	**598.8**	76	45	75	SSE 1	S 1	NW 0	9≡	3	10	.	≡ I, III
16	6.2	**14.8**	7.3	9.4	4.5	**598.2**	597.9	597.6	86	43	66	NW 0	S 1	S 0	10	3	2	.	≡° I
17	7.5	13.6	7.6	9.6	4.6	597.1	596.8	597.1	60	24	66	NNE 0	N 0	N 0	1	2	10	.	
18	9.6	13.1	8.3	10.3	5.2	596.2	595.9	596.3	62	53	69	N 0	S 1	S 1	1	6	10	1.5	● $1^{1}/_{2}$–$2^{1}/_{2}{}^{p}$
19	9.5	12.1	6.5	9.4	4.2	595.6	595.7	595.0	70	57	70	S 0	S 1	S 1	10	9	10	.	
20	6.6	5.3	3.9	5.3	0.0	593.8	593.7	592.6	77	95	97	N 0	S 1	N 2	9	10●≡	10≡	11.2	● 9^{a}–p, p ≡, n ✳
21	0.0	1.4	0.2	0.5	–4.9	591.4	591.8	591.7	99	95	99	N 3	N 2	N 2	10≡	7	9≡	4.6	≡ ↙ I, ≡ III-n, n ●
22	–1.4	0.6	0.0	–0.3	–5.8	591.2	592.7	594.2	97	94	100	N 3	N 3	N 3	10≡	9≡	10≡	.	≡ ↙, ≡² II
23	–0.2	6.9	4.3	3.7	–2.0	594.7	595.1	596.1	98	45	90	N 3	N 2	N 0	4	1	2	.	↙ n–I
24	6.6	11.0	5.0	7.5	1.7	595.6	595.0	594.2	66	55	84	N 0	S 1	N 0	8	9	4	2.8	● $4^{3}/_{4}$–$5^{1}/_{2}{}^{p}$ [III-n, n ✳
25	3.1	2.2	–0.8	1.5	–4.5	591.4	589.5	**588.3**	99	97	99	N 2	N 2	N 3–4	10≡	10≡	10≡	5.2	≡² I, ≡, ✳ ✢ 5–6^{p}, ↙
26	–1.2	0.7	0.1	–0.1	–6.2	589.9	592.4	594.4	84	85	100	N 4–5	N 4	N 3–4	10	6	10	.	↙ [≡ III, n ✳²
27	0.6	2.2	–0.2	0.9	–5.3	593.3	593.1	593.1	100	89	100	N 3	N 3	N 4	10	10	10≡	**25.4**	↙, ✳ ≡ $4^{3}/_{4}$–$6^{1}/_{4}{}^{p}$, ↙
28	**–2.0**	–0.1	–0.6	–0.9	–7.2	593.9	594.9	596.3	98	97	70	N 2	N 2–3	N 4	6	7	9≡	0.4	p ↙, ≡ ↙ III
29	–0.1	3.2	4.4	2.5	–3.9	595.9	596.2	595.7	99	99	70	N 2	NNE 3	N 2	10≡	10≡	10	5.4	≡² I, ≡–p, ↙ II, ● a, n
30	0.7	5.4	1.1	2.4	–4.1	594.9	594.9	595.4	100	54	100	N 3	N 3	N 3–4	4	3	10≡	.	↙, ≡ III
																		Summe	
Mittel	4.0	7.1	4.1	5.1	—	595.0	595.2	595.4	79	64	80				7.2	6.5	7.9	112.2	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

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Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}		1^{30}		9^{30}		7^{30}	1^{30}	9^{30}		
1	11.9	18.1	13.5	14.5	−2.7	716.5	715.9	715.8	68	41	53	E	o	NE	o	NE	o	1	1	1	.	
2	10.6	20.1	14.7	15.1	−2.2	715.0	713.3	712.2	79	**26**	64	E	o	N	o	N	o	9	2	4	.	
3	11.5	17.1	13.6	14.1	−3.2	711.1	710.5	710.7	85	60	74	N	o	NE	o	NE	o	10	8	9	.	
4	14.5	18.0	13.9	15.5	−1.9	710.0	709.4	710.0	74	45	72	NE	o	NE	o	NE	o	3	8	7	.	
5	14.4	15.7	14.0	14.7	−2.8	709.7	710.1	709.7	74	71	92	E	o	SW	o	SE	o	9	10	9	9.6	●° o–o$^1/_2$P
6	12.8	13.3	13.7	13.3	−4.2	707.3	707.3	707.6	93	84	88	S	o	SW	o	SW	o	10	10	10	**12.6**	● n–o, $7^1/_2$–$9^1/_4$P, n
7	11.3	14.2	13.1	12.9	−4.7	**707.2**	708.5	709.3	92	62	70	SW	o	W	1	SW	o	10	9	9	.	
8	12.7	12.5	9.6	11.6	−6.1	709.3	709.6	713.0	81	74	96	NW	o	W	o	SW	o	7	9	10●	5.2	● $4^1/_2$P–n
9	**9.5**	12.8	9.9	10.7	−7.0	716.8	716.2	714.7	77	54	81	SW	o	NW	o	W	o	9	9	6	.	
10	10.3	11.4	9.8	10.5	−7.3	710.9	709.5	708.2	81	91	92	SE	o	SW	o	SW	o	10	10●	9	11.7	● $10^1/_4$a–5^p
11	10.4	15.0	10.5	12.0	−5.8	707.3	708.7	711.4	92	62	90	SW	o	SW	o	S	o	10●	10	9	3.1	● n–$o^3/_4$, $8^1/_2$–9P
12	10.9	17.5	14.3	14.2	−3.7	713.4	713.4	714.0	91	55	78	SE	o	NE	o	SE	o	8	5	4	.	
13	13.5	22.2	16.0	17.2	−0.7	714.6	714.5	714.9	79	40	74	SE	o	NE	o	SW	o	1	1	2	.	[$9^1/_2$P, ◹ ● 12P
14	16.3	24.8	20.0	20.4	2.5	714.6	712.8	710.8	72	48	72	NE	o	WNW	1	N	o	1	6	9	4.4	△ l, ●° 8–$8^1/_4$P, ◺ $8^1/_2$–
15	14.6	16.1	12.9	14.5	−3.4	710.6	711.4	712.0	73	75	86	W	1	W	o	SW	o	10	10	10	1.9	●° $8^1/_2$a–II
16	13.0	16.0	11.0	13.3	−4.7	711.9	711.6	712.6	66	57	96	SW	1	W	1	SW	o	6	6	10●	10.8	● o–$o^1/_4$, $7^1/_2$P–n
17	11.9	14.9	12.6	13.1	−4.9	714.5	715.3	717.3	86	89	89	SE	o	SE	o	SE	1	9	9	7	0.9	●° $11^3/_4$a–o, $o^3/_4$–$1^1/_2$P
18	12.0	19.3	14.2	15.2	−2.8	**717.4**	716.1	715.9	93	48	94	S	o	W	1	SW	o	9≡	10	10●	7.7	≡^{2} n–I, a △ ≡, ● $6^1/_4$P–n
19	16.4	20.3	15.2	17.3	−0.7	715.2	714.5	714.3	86	60	85	S	o	W	1	SW	o	8	8	10	3.4	● $8^1/_2$P–n
20	14.7	16.9	12.2	14.6	−3.4	711.9	712.3	714.7	90	78	88	SW	1	W	1	SE	o	9	9	6	3.6	● 9–$10^1/_2$a
21	11.2	19.3	14.6	15.0	−3.0	714.8	714.0	714.8	75	40	71	SE	o	W	o	NW	o	1	4	9	.	
22	12.7	19.1	13.2	15.0	−3.0	714.5	713.1	712.4	80	41	86	SW	o	WSW	1	W	1	8	9	10●	7.0	● $1^3/_4$, $9^1/_2$–10P, ◹ $8^1/_2$–
23	11.9	13.8	10.6	12.1	−5.9	710.4	709.9	709.2	95	63	82	W	o	W	2	SW	1	10	10	10●	7.2	◿ II, ● $3^1/_2$P–n [10P
24	9.6	10.6	11.1	10.4	−7.6	708.5	710.0	711.7	93	92	95	SW	1	S	o	SE	o	10●	10●	10	6.8	● n–$3^1/_4$P
25	12.1	18.8	15.0	15.3	−2.7	711.7	711.0	711.3	94	52	70	NE	1	ENE	2	E	o	8≡	4	2	.	≡ △ l, ◿ II
26	12.8	21.9	16.5	17.1	−0.9	712.9	712.9	714.0	82	43	84	E	o	WSW	1	SE	o	3	5	7	.	△ I
27	16.9	23.7	16.3	19.0	1.0	715.2	714.7	715.7	71	43	82	SE	o	NW	o	E	1	3	3	5	.	△ I
28	15.0	23.9	17.4	18.8	0.9	715.2	713.8	714.1	84	51	81	SE	o	NE	o	NW	o	3	4	2	.	△ I
29	15.7	**25.2**	19.7	20.2	2.3	713.4	712.2	711.6	82	33	68	SE	o	W	1	NE	o	3	2	3	.	△ I
30	14.3	23.3	16.2	17.9	0.0	711.0	709.3	709.9	82	61	86	N	1	NNE	1	S	1	6	1	10	0.2	△ l, ●° 7–$7^1/_4$, $8^1/_4$–$9^1/_4$P
31	15.8	21.1	15.6	17.5	−0.3	710.1	710.4	711.2	88	55	91	SE	o	N	1	SW	o	10	7	3	.	●° $9^3/_4$–10^a
																					Summe	
Mittel	12.9	18.0	13.9	14.9	—	712.4	712.0	712.4	82	58	82							6.9	6.7	7.2	96.1	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

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1	13.2	21.4	15.4	16.7	−2.3	724.2	723.4	723.0	74	49	**40**	E	1	E	2	E	1	0	2	0	.	
2	11.7	22.2	15.1	16.3	−2.8	722.5	720.8	719.5	80	45	56	E	1	SE	1	N	2	8	4	7	.	≡° I, ◿ III
3	13.4	19.2	14.9	15.8	−3.4	718.8	718.1	718.0	74	54	61	E	1	SE	1	N	2	10	8	10	.	◿ III
4	15.1	18.1	15.5	16.2	−3.0	717.5	716.9	717.0	62	53	59	N	1	SW	1	N	3	7	9	8	.	◿ III
5	14.4	16.4	14.1	15.0	−4.3	717.1	717.6	716.9	75	74	95	SW	1	SW	1	N	1	10	10	10	9.9	●° 11^a, ● $5^3/_4$P–n
6	13.0	16.2	13.2	14.1	−5.3	714.7	**714.4**	714.7	95	71	88	NW	1	SW	1	SW	1	10●	9	10●	8.0	● n–$9^1/_2$a, 6P–n
7	12.3	13.4	13.6	13.1	−6.3	**714.4**	715.7	716.6	87	64	62	SW	1	SW	2	N	2	9	9	7	1.2	● n–$o^1/_4$P
8	12.1	16.7	11.1	13.3	−6.2	716.8	716.7	720.6	82	56	73	E	1	NW	2	NW	2	7	8	9	1.6	●° 10^a–3^p, ●–$6^1/_2$P
9	10.4	12.8	9.9	11.0	−8.5	724.4	723.9	722.0	71	63	78	W	1	W	2	N	1	9	10	5	.	●° 11^a, ≡° III
10	10.4	11.1	11.5	11.0	−8.6	718.4	716.8	715.6	84	86	81	NE	o	SW	2	W	1	10	10●	10	12.7	● $7^1/_4$a–$5^1/_2$P
11	10.4	15.6	12.8	12.9	−6.7	714.7	716.2	718.8	96	70	82	W	1	W	1	N	1	10●	9	9	0.8	● n–10^a
12	12.2	20.9	15.9	16.3	−3.3	720.7	720.7	721.3	86	55	71	NE	1	SE	1	NE	1	4	4	0	.	
13	13.4	23.0	16.6	17.7	−2.0	722.3	722.0	722.2	85	58	68	E	1	SW	1	NW	1	0	0	4	.	
14	15.4	24.1	20.6	20.0	0.3	722.2	720.1	718.0	79	57	63	E	1	SW	1	N	1	0	7	10	2.5	n ($^{14}/_{15}$) ●
15	13.4	15.2	13.8	14.1	−5.7	718.2	718.9	719.3	93	85	68	W	2	W	1	NW	1	10●	10	10	0.3	●° n–$1^1/_2$P
16	13.1	16.1	11.6	13.6	−6.2	719.3	719.2	720.1	68	65	95	NW	1	W	2	W	2	9	9	10●	7.4	a ●°, ● 6P–n
17	12.6	17.4	14.8	14.9	−4.9	721.7	722.7	724.6	94	59	71	SW	1	W	1	N	1	8	7	3	0.2	a ●°
18	12.8	19.2	14.8	15.6	−4.2	**724.9**	723.8	723.2	89	60	92	E	1	SW	1	W	1	6	10	10	2.3	≡° I, ● $5^1/_2$P–n
19	15.8	21.0	15.1	17.3	−2.5	722.7	722.1	721.7	84	61	86	SW	1	W	2	NW	2	9	9	10●	2.4	● n–o, $8^1/_4$P–n, ◿ III
20	14.7	17.2	12.6	14.8	−5.0	719.5	719.6	722.2	94	64	79	SW	1	NW	2	NW	1	9	5	5	0.4	● n–oP, p ◿, ≡° III
21	11.9	20.0	15.5	15.8	−4.1	722.2	721.6	722.2	80	51	57	E	1	SE	1	NW	2	3	7	4	.	◿ $5^1/_2$P–n
22	13.7	20.8	12.1	15.5	−4.4	722.0	720.5	719.6	79	49	83	E	1	SW	1	NW	2	8	8	10●	5.9	◿ 8P–n, ◹ ● $8^3/_4$P–n
23	12.0	13.9	11.5	12.5	−7.4	717.8	717.3	716.9	82	62	91	NW	2	NW	3	W	2	10	10	10●	6.0	◿ II, ● 3P–n
24	**9.8**	13.4	10.2	11.1	−8.7	715.8	717.1	719.1	96	78	97	W	1	W	1	NW	1	10●	10	10	2.5	●° n–$11^1/_2$a, ● 6–$7^1/_4$P
25	13.9	20.4	17.4	17.2	−2.6	719.1	718.2	718.4	83	50	57	E	2	E	3	NE	2	3	2	0	.	◿ II
26	13.9	22.5	15.4	17.3	−2.5	720.3	720.3	721.6	85	58	98	E	1	SW	1	NE	0	5	6	7	**26.8**	≡° I, ◹^{2} ●^{2} 6–$7^1/_4$P
27	14.9	24.0	16.1	18.3	−1.5	723.0	722.1	722.9	93	62	85	E	1	SW	1	NE	0	8≡	4	2	0.3	≡^{2} n–$8^1/_2$a, ◹ ●° $3^1/_4$P, ◺
28	13.2	24.1	19.2	18.8	−1.0	722.7	721.1	721.4	98	61	65	E	1	SW	1	N	1	10	5	7	.	≡^{2} n–$9^1/_2$a, ●° 2P [9–10P
29	15.8	**25.4**	19.1	20.1	0.3	720.8	719.4	718.8	87	50	70	E	1	SE	1	NE	1	3	3	2	.	[$9^1/_4$P–n
30	15.8	24.4	18.3	19.5	−0.2	718.5	716.7	716.8	77	56	71	E	1	E	2	N	1	7	2	5	0.9	◹ ● $4^3/_4$P, ◿ $4^1/_2$–$5^1/_2$P, ◺
31	15.9	17.3	16.6	16.6	−3.1	717.3	718.0	718.5	92	88	94	NE	1	SW	1	NW	1	10	10	10	0.6	●° n–I, $7^1/_2$, 10P, n
																					Summe	
Mittel	13.2	18.8	14.7	15.6	—	719.8	719.4	719.7	84	62	75							7.1	7.0	6.9	92.7	

Juli 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^{m}$, $G = 0.05^{m/m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	11.6	18.0	12.6	14.1	−3.3	726.4	726.4	725.6	85	**41**	79	NE o	N 1–2	NE o	1	5	o	.	
2	11.8	19.7	14.3	15.3	−2.1	724.9	722.5	721.9	81	46	90	NE o	NW 1	SE o	10	3	10	.	
3	13.8	16.0	14.0	14.6	−2.9	720.9	721.0	720.4	84	64	95	E o	N 1	NWo-1	10	6	10	1.3	≡° l, p ●
4	13.8	17.6	14.2	15.2	−2.3	719.9	719.4	719.6	93	50	88	E o	W 1	NW o	10	4	10	0.3	n (4/5) ●°
5	14.8	17.6	14.8	15.7	−1.9	719.5	719.9	719.6	75	60	95	E o	E 1	SE o	7	7	10	3.1	n (5/6) ●
6	14.4	18.4	13.8	15.5	−2.2	717.3	716.1	717.0	98	66	99	NWo-1	NW 1	SE o	10●	10	10	3.9	●
7	13.8	15.0	12.8	13.9	−3.8	**715.6**	718.4	719.5	96	70	96	NE o	N o	NWo-1	10●	10	10●	7.2	●° ≡° l, ● III–n
8	13.6	14.8	10.2	12.9	−4.9	719.1	719.4	722.5	85	68	98	NE o	NE o	NE o	10●	10●	10●	**25.9**	●²
9	**9.8**	13.6	11.4	11.6	−6.2	726.2	726.5	723.6	64	46	70	E 1–2	N 1	SE o	10●	7	8	0.2	●° l
10	11.6	15.6	11.6	12.9	−5.0	720.6	719.1	718.2	67	57	100	E o	N 1	NW o	8	9	10●	2.6	● $4^{1}/_{4}$P–n
11	12.2	13.6	11.2	12.3	−5.6	717.6	719.3	721.2	89	75	97	E o	N o	N o–1	10●	10●	10●	11.2	●
12	11.2	16.4	13.4	13.7	−4.2	723.5	724.1	724.0	100	51	79	SE o	N 1	SE o	10●	5	o	2.1	● l
13	12.4	20.2	17.0	16.5	−1.5	724.6	723.9	725.0	77	54	74	E o	NWo-1	SE o	o	o	o	.	
14	15.4	23.6	17.3	18.8	0.8	724.3	722.6	721.8	79	45	100	E o	NE o	SE o–1	o	3	9●	8.1	◺ ● $8^{3}/_{4}$P–n
15	15.2	15.2	13.8	14.7	−3.3	720.6	721.4	721.5	93	75	93	E o	NE o	NW o	10	10	10●	11.5	● 6–7^{a}, III–n
16	12.4	17.2	11.8	13.8	−4.3	722.3	721.9	722.9	94	49	97	E o	N 1	NW o	10●	7	10●	9.0	● l, III–n
17	11.9	13.4	12.4	12.6	−5.5	724.3	726.5	**727.5**	92	80	99	N o	N o	SW o	10●	10●	10●	5.8	●
18	13.2	19.6	15.3	16.0	−2.1	726.9	726.1	725.3	100	50	98	NE o	N 1	NWo-1	10●	7	10●	12.7	●° ≡° l, ● 7P–n
19	15.0	20.4	15.9	17.1	−1.0	725.0	724.6	723.0	92	55	80	E o	NE o	NW 2	10	9	10●	21.1	≡° l, ⛈ III, ●–n
20	15.2	17.8	13.4	15.5	−2.6	721.2	721.9	724.4	97	71	84	E o	NE o-1	NWo-1	10●	10●	10●	5.8	●
21	11.9	19.4	15.0	15.4	−2.8	724.6	723.3	724.6	92	**41**	89	E o	N 2	N o	5	3	10	.	
22	14.9	20.5	14.2	16.5	−1.7	724.1	722.1	720.9	84	46	98	E o	NW 2	NWo-1	5	4	10●	16.7	◺ ● $8^{3}/_{4}$–$9^{3}/_{4}$P
23	12.4	14.0	11.7	12.7	−5.5	720.5	720.2	719.0	94	67	100	NE o	NW 1	NW o	10●	10●	10●	21.7	●, ▲ 11P
24	11.6	14.6	12.0	12.7	−5.5	718.2	719.5	721.7	94	55	100	E o	NW 2	NWo-1	10●	9	10●	3.1	● n–l, III
25	13.2	19.4	14.0	15.5	−2.7	722.0	721.4	721.3	75	54	92	E o	N 1	SE o	9	4	o	.	
26	12.7	20.2	16.2	16.4	−1.8	722.4	722.8	724.2	90	55	83	E o	N 1	SE o	2	4	7	1.8	● $4^{1}/_{4}$–7^{p}
27	15.8	22.0	15.0	17.6	−0.6	725.5	725.4	726.6	80	66	87	NE o	SW 1	S o–1	5	10●	9●	8.1	● $5^{1}/_{2}{}^{a}$, $1^{1}/_{4}$P–n, ◺ II
28	14.9	21.6	15.8	17.4	−0.8	725.1	724.1	724.0	96	60	94	S o–1	W 1	SE o	3	6	1	1.1	a ●
29	14.7	22.6	17.2	18.2	0.1	723.1	722.1	721.2	85	50	100	E o	N o	NW o	4	5	7	.	
30	15.4	**25.3**	17.0	19.2	1.1	721.0	720.6	720.8	94	62	94	E o	SWo-1	SE 1	1	o	10	4.9	◺ ● 8P–III
31	16.8	21.6	17.7	18.7	0.6	719.3	720.0	720.5	89	50	86	E o	N 2	NW o	10	5	4	.	
																		Summe	
Mittel	13.5	18.2	14.1	15.3	—	722.2	722.0	722.2	88	57	91				7.4	6.5	7.9	189.2	

Juli 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^{m}$, $G = 0.02^{m/m}$.

1	13.2	18.6	16.4	15.2	−3.0	730.9	730.3	729.5	64	36	64	NE o	NE 1	NE o	o	1	2	.	
2	12.4	19.8	16.4	15.6	−2.7	729.4	727.6	726.0	66	36	60	S o	NE 1	E 1	6	5	2	.	
3	13.2	17.2	14.8	14.8	−3.5	725.5	725.4	725.4	75	48	72	SW o	NE 1	NW o	9	10	10	.	
4	15.8	19.8	16.8	17.0	−1.4	724.3	723.6	724.3	71	43	53	SW o	NE 1	NE 1	6	3	1	.	
5	14.4	20.5	16.4	16.1	−2.4	724.3	724.2	724.5	70	54	83	NW o	NW o	NE o	4	10	7	8.4	● $10^{1}/_{2}$–$11^{1}/_{4}{}^{a}$, 11P–n
6	13.9	18.8	17.2	16.4	−2.1	722.3	721.9	722.0	99	57	61	SE o	SW 1	SW 1	10●	6	9	2.3	● $7^{1}/_{2}$–$10^{1}/_{2}{}^{a}$
7	14.6	16.8	15.8	15.8	−2.7	**721.6**	723.4	723.2	65	51	58	SW 1	SW 1	SW 1	8	7	1	.	
8	14.0	17.4	**10.2**	12.8	−5.8	724.1	723.2	727.5	67	54	90	SW o	SE 1	SW o	5	8	10●	5.0	● $2^{3}/_{4}$, $7^{1}/_{2}$–$9^{1}/_{2}$P
9	**10.2**	15.0	13.8	12.7	−5.9	731.9	730.9	729.2	93	43	67	SE o	NE 1	N 1	10	7	5	0.2	n (9/10) ●°
10	11.2	12.0	13.5	11.9	−6.7	726.0	724.3	723.1	88	84	67	S o	SW 1	SW o	10●	10●	9	8.0	● $7^{1}/_{2}{}^{a}$–$7^{1}/_{2}$P, n
11	10.9	15.5	14.4	13.5	−5.2	722.3	723.8	725.8	92	66	72	SE 1	SE 1	NE o	10●	7	9	0.9	● $7^{1}/_{2}{}^{a}$, ◺ $0^{3}/_{4}$, $3^{3}/_{4}$P
12	12.0	18.4	16.2	14.7	−4.0	727.6	727.5	728.4	78	46	68	NE 1	NE 1	NE o	1	3	1	.	a ⧋²
13	14.2	19.8	18.2	16.5	−2.3	729.5	728.6	728.8	83	56	74	S o	NE 1	NE o	o	1	2	.	a ⧋²
14	16.5	**26.2**	23.6	19.8	1.0	728.9	726.6	725.1	76	52	51	NE o	N 1	SE 1	o	4	8	4.3	a ⧋², ◿ 2–$2^{3}/_{4}$P, n ●
15	14.5	16.4	15.4	16.5	−2.3	726.3	726.2	726.7	81	79	57	SW 1	W 1	SSW 1	10	10	7	.	
16	13.7	15.2	12.8	14.0	−4.8	726.9	727.4	727.9	67	68	90	SSW 1	SSW 1	SSE 1	6	10	10	6.3	● $1^{1}/_{2}$, $4^{1}/_{2}$–$7^{1}/_{2}$, $10^{1}/_{2}$P–n
17	12.9	17.1	14.8	14.8	−4.1	729.4	730.1	731.6	93	66	83	SE 1	NNE 1	ESE o	9	6	2	.	
18	13.2	20.2	16.8	16.3	−2.6	**732.1**	730.9	730.7	86	51	88	NW o	N 1	SE o	2	6	9	1.9	a ⧋, ● $5^{3}/_{4}$, $8^{1}/_{4}$P
19	16.6	23.6	18.2	19.4	0.5	729.9	729.0	729.0	83	49	62	SE o	W 1	SSW 1	6	2	8	2.2	a ⧋, n ●
20	15.9	21.0	16.2	17.4	−1.5	726.9	726.5	729.1	93	65	55	NNE 1	NNW 1	E 1	3	3	1	0.6	
21	12.9	19.6	17.0	15.6	−3.3	729.2	728.5	729.1	77	45	60	SSW o	NNE 1	NE o	o	1	1	.	●° $1^{1}/_{4}{}^{a}$, a ⧋
22	19.3	23.8	13.2	18.0	−0.9	729.2	727.5	727.4	81	**34**	91	SSW o	WSW 1	NNW 4	2	4	10	5.7	a ⧋, ⛈ III, ◿ $9^{1}/_{4}$–10P, *)
23	14.2	19.3	12.3	14.5	−4.4	725.9	725.2	725.1	87	40	93	S 1	W 2	SSE o	7	7	10●	4.4	⛈ II, ● 4–$10^{1}/_{2}$P
24	11.5	15.8	13.4	13.3	−5.6	723.7	724.1	725.5	82	60	73	SSW 1	NNW 1	N 1	10●	5	7	.	● $6^{3}/_{4}$–$7^{1}/_{2}{}^{a}$
25	11.6	18.6	16.8	15.3	−3.6	725.7	725.3	725.4	86	63	75	ESE o	N 2	N o	6	2	1	.	⛈ II
26	14.7	23.1	18.1	17.6	−1.3	727.4	727.2	728.0	82	53	80	SSW o	NNW 1	NNE o	2	4	1	.	a ⧋, ◿ $9^{3}/_{4}$–$10^{3}/_{4}$P
27	17.0	21.7	18.4	18.0	−0.9	729.6	728.9	729.6	78	62	81	SE o	N 1	S o	2	4	1	.	a ⧋°, ◺ $1^{3}/_{4}$P
28	15.2	20.0	19.0	17.9	−1.0	729.4	728.3	728.1	93	69	87	NNE o	NNE 1	NNE o	8	7	4	.	a ⧋
29	18.0	24.0	19.8	19.4	0.6	727.7	726.0	725.1	78	51	80	S o	NNE 1	W o	o	2	o	.	a ⧋°
30	17.7	23.1	19.0	18.7	0.1	725.2	723.3	723.8	76	55	75	N 1	NNE 1	SSW 1	2	2	8	**19.5**	a ⧋, ◺ $3^{3}/_{4}$, 5P, ● $4^{1}/_{2}$–
31	15.0	15.6	15.7	15.9	−2.9	724.7	725.5	725.6	97	98	96	S 1	NNE 1	SE o	10●	10●	7	6.1	● $7^{1}/_{2}{}^{a}$–$3^{1}/_{2}$P [$5^{1}/_{4}$P, n
																		Summe	
Mittel	14.2	19.2	16.1	16.0	—	727.0	726.5	726.8	81	56	73				5.3	5.4	5.3	75.8	

*) **22.** ◺ $9^{3}/_{4}$P, ● 10P, n

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind $7^{35}{}^{a}$, 1^{35} u. 9^{35}P.

$\lambda = 8° 33'$, $\beta = 47° 23'$,
$Hb = 493.2^m$, $G = 0.08\,{}^m/_m$.

Zürich.

Juli 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	10.1	19.4	13.4	14.3	−3.5	723.8	723.4	722.7	75	**37**	72	N 1	N 1	NE 0	1	2	3	.	
2	11.9	19.2	14.2	15.1	−2.8	722.0	720.5	719.3	80	**37**	57	NW 0	W 1	NE 1	5	9	10	0.2	●° 7, 8½–9, 10³/₄p
3	11.8	16.3	14.0	14.0	−3.9	718.4	717.9	717.8	83	61	65	NE 1	NE 1	NE 1	10	8	10	0.1	n (⁸/₄) ●°
4	13.0	18.0	14.6	15.2	−2.8	717.5	716.6	716.7	72	49	70	NW 1	NW 1	W 0	5	9	8	.	●° 6³/₄–7p
5	14.1	17.2	15.8	15.7	−2.3	716.7	716.9	716.4	83	61	70	SW 1	SW 1	SW 1	8	8	10	5.8	●° ⌿ 11³/₄ᵃ, 0¹/₄p
6	13.8	15.6	13.5	14.3	−3.8	714.5	**713.8**	714.7	91	85	86	SW 1	W 1	NW 0	10●	10	10●	5.7	● 2¹/₂ᵃ–II, 9¹/₂p–n
7	12.3	15.2	12.4	13.3	−4.8	714.1	714.6	716.5	95	67	83	SW 0	SW 1	E 1	10●	9	9	1.4	● n–9¹/₄ᵃ, 1, 2p, ⌿ 0p
8	12.2	13.4	**10.0**	11.9	−6.3	716.5	716.6	719.3	82	84	98	E 0	S 1	W 1	10	9	10●	**16.6**	●° 7, 8¹/₂–9ᵃ, ● 0–1¹/₄, 5p–
9	10.2	14.0	10.4	11.5	−6.7	723.1	723.1	721.7	78	47	77	W 1	W 1	W 0	8	8	7	0.1	●° 5³/₄–6ᵃ [2³/₄ᵃ
10	10.3	12.8	10.8	11.3	−6.9	718.2	716.5	715.1	79	73	88	E 0	NW 1	SE 0	8	9	9	2.7	● 11¹/₄ᵃ–7¹/₂p
11	10.6	12.0	11.0	11.2	−7.1	714.3	715.6	718.0	84	90	90	SW 1	W 1	S 1	10●	10●	9	10.5	● 7¹/₂ᵃ–5¹/₄p
12	11.3	19.2	13.4	14.6	−3.7	720.2	720.7	721.1	94	52	85	NW 0	SW 1	NE 1	10	5	2	0.1	● 5¹/₂–6¹/₄ᵃ
13	12.0	23.8	14.8	16.9	−1.4	721.9	721.3	721.8	84	42	78	E 0	NE 1	NE 0	0	0	1	0.1	⌓ I
14	14.7	**27.4**	20.0	20.7	2.3	721.5	719.3	717.8	82	43	74	NE 0	W 1	N 1	0	7	9	7.7	⌓ I, ●° 4, 10p, ◺ 8p–n
15	15.6	16.6	12.8	15.0	−3.4	717.5	718.0	718.9	67	77	97	SW 2	NW 1	E 0	9	9	10●	5.3	◹² 1¹/₂–3ᵃ. ● 1¹/₂–6³/₄, *)
16	11.8	13.0	11.7	12.2	−6.2	719.1	719.0	719.6	86	82	98	S 1	SW 1	SW 1	10	8●	10	13.0	● n–5ᵃ, 0³/₄–4¹/₂, 8–10¹/₂p
17	11.6	13.4	12.8	12.6	−5.8	721.1	722.3	724.0	94	95	93	SW 0	W 0	SE 1	10	10●	10	3.6	● 0³/₄–1¹/₂, 3¹/₂–5, *)
18	12.2	20.0	14.6	15.6	−2.8	**724.3**	722.8	722.3	92	55	94	SE 0	W 1	NW 0	5	9	10●	6.6	●° 5¹/₄–5³/₄p, ● 6¹/₄p–2¹/₄ᵃ
19	14.4	18.6	13.8	15.6	−2.8	722.1	721.0	720.5	91	69	94	W 0	NW 1	W 1	10	10	10	10.3	● 5¹/₄–5³/₄ᵃ, 7¹/₄p–n, ●° *)
20	13.7	18.4	12.2	14.8	−3.6	718.6	718.6	721.3	96	62	80	W 1	NW 2	W 1	10●	8	2	0.6	● n–8¹/₄ᵃ, ●° 7p
21	11.8	19.4	14.5	15.2	−3.2	721.8	721.3	721.8	87	47	61	NE 0	NW 1	E 1	4	4	10	0.1	●° 3ᵃ, n [10¹/₂p
22	13.8	19.5	14.8	16.0	−2.4	721.1	719.8	718.0	75	49	81	N 0	W 1	NW 3	4	8	10●	2.7	p ⌿, ●° 2–2¹/₂, ◹ ● 9–
23	12.4	12.9	11.0	12.1	−6.3	716.9	716.9	715.9	89	71	83	W 1	W 1	SW 2	10●	10	10●	12.3	● 1³/₄–4¹/₂, 7¹/₂–9¹/₄ᵃ, *)
24	10.3	15.2	11.7	12.4	−6.0	715.5	716.7	718.7	93	68	97	SW 1	W 1	NW 0	10●	9	10●	1.5	● 3–8¹/₂ᵃ, 4¹/₂, 5³/₄p–n
25	12.2	21.8	15.0	16.3	−2.0	719.3	718.9	718.8	89	42	72	NE 1	E 1	NE 1	6	2	1	.	
26	12.3	23.2	15.5	17.0	−1.3	720.0	719.9	720.8	90	47	88	E 0	N 1	NW 0	1	2	7	1.6	
27	14.8	26.0	14.5	18.4	0.1	722.2	721.7	722.7	92	48	85	NE 0	W 1	E 0	1	2	2	0.2	◹ ● 1–2ᵃ, p ⌿, n ●°
28	14.0	24.6	16.2	18.3	0.0	721.9	721.0	720.8	87	46	82	W 0	SW 0	SW 1	4	5	1	.	◹ 9–9¹/₂p
29	14.8	26.0	19.0	19.9	1.7	720.3	719.2	718.8	90	44	72	E 0	W 1	NE 1	0	1	2	.	
30	14.3	24.5	17.4	18.7	0.5	718.7	717.2	717.3	83	55	80	E 1	NE 2	E 1	1	4	4	.	⌿, ◹ 8¹/₂–10p
31	14.4	22.9	15.3	17.5	−0.7	717.0	717.1	718.2	80	47	75	N 1	N 1	NE 1	4	1	1	.	p ⌿
																		Summe	
Mittel	12.7	18.7	13.9	15.1	—	719.4	719.0	719.3	85	59	82				6.3	6.6	7.0	108.8	

[*) **15.** 9³/₄–11³/₄ᵃ, 8³/₄p–n, a ⌿, ●° I, 5–6¹/₂p *) **17.** 10³/₄ᵃ–2p, ●° 4¹/₂–5p *) **19.** 1, 2¹/₂–2³/₄p *) **23.** 0–11¹/₂p, ⌿ a, III

$\lambda = 8° 30'$, $\beta = 47° 3'$,
$Hb = 1787.3^m$, $G = -0.11\,{}^m/_m$.

Rigi-Kulm.

Juli 1913.
Beobachter: Frl. *H. Bütikofer.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	5.3	5.8	4.4	5.2	−3.8	618.9	619.3	618.3	75	83	100	SE 0	NE 1	W 0	7	8	0	.	
2	6.2	9.2	5.5	7.0	−2.1	617.9	617.3	616.5	65	70	100	W 0	NW 1	NW 1	10	10	10	0.3	⌴ I, ≡° n–p
3	6.2	9.4	5.2	6.9	−2.2	614.3	614.3	614.4	94	78	100	SE 0	SW 0	NE 0	10≡	10≡	10	.	≡ n–p
4	7.2	9.2	5.6	7.3	−1.9	612.5	613.7	614.9	64	69	100	N 1	NW 1	W 1	10	10	10≡	3.7	≡ III, n ●
5	7.4	6.6	6.2	6.7	−2.6	613.7	613.9	614.0	72	100	100	W 1	NW 1	W 2	10	10≡	10≡	14.5	p ≡, p n ●
6	5.4	7.6	5.2	6.1	−3.3	611.8	611.5	611.8	100	100	100	W 4	W 2	NW 4	10●	10≡	10≡	23.6	⌿ I, III, ●, p ≡
7	4.4	6.2	3.2	4.6	−4.8	610.7	611.5	612.8	100	100	92	NW 2	W 4	W 2	10●	10≡	10●	12.2	●, ⌿ ≡ II
8	3.8	5.4	**−0.4**	2.9	−6.6	612.7	612.6	614.2	78	78	100	NE 1	SE 1	W 4	10	10●	10*	33.6	p ●², ✳ ⌿ III–n ⊠
9	−0.3	2.8	3.0	1.8	−7.8	620.2	618.2	617.5	100	75	76	W 4	W 2	W 2	10*	7	7	.	✳ ⌿ n–I ⊠
10	6.4	6.2	3.0	5.2	−4.4	613.9	613.5	611.6	52	75	90	S 1	SE 1	SW 4	10	10≡	10	4.8	≡ II, ⌿ III–n, n ●
11	3.2	2.4	3.0	2.9	−6.8	**610.3**	611.4	613.8	100	100	100	W 4	W 4	W 1	10●	10≡	10●	21.0	⌿ n–II, ●, ≡ II
12	4.8	8.4	7.2	6.8	−2.9	615.7	616.8	618.1	100	69	65	SW 1	SE 1	SW 1	10●	7	7	.	●° I
13	7.8	12.8	11.2	10.6	0.8	618.4	619.5	620.4	56	64	70	SE 0–1	SE 1	W 1	0	0	0	.	
14	10.4	**15.8**	10.4	12.2	2.4	620.0	619.2	619.0	51	**45**	100	W 1	W 2	S 2	0	8	10●	5.2	◹ ● III
15	7.8	6.8	5.0	6.5	−3.3	614.8	615.2	615.2	80	100	100	W 2	W 4	S 2	7	10≡	10●	45.6	≡ ⌿ II, p n ●²
16	4.6	4.2	3.2	4.0	−5.9	614.9	614.8	615.4	100	83	100	W 2	W 4	W 2	10≡	10	10≡	17.5	≡ I, III, ●, ⌿ II
17	3.2	3.8	5.2	4.1	−5.8	616.6	618.1	620.2	100	100	100	NE 2	W 2	W 2	10≡	10●	10≡	16.6	≡ I, III, ●
18	6.0	11.0	7.2	8.1	−1.8	620.1	620.0	619.3	95	74	100	W 0–1	W 1	W 1	7	10	10	39.2	●² III–n
19	6.4	8.8	7.0	7.4	−2.6	618.5	618.6	617.3	100	92	100	W 4	W 4	W 4	10●	10	10●	56.8	⌿, ●² I, III–n
20	6.4	6.2	3.2	5.3	−4.7	615.6	615.6	617.9	100	100	100	W 4	SE 0	S 2	10≡●	10≡	10	20.3	⌿ n–I, ● ≡ n–p
21	5.5	8.8	6.0	6.8	−3.2	617.7	617.6	618.4	74	72	100	W 2	W 2	W 0	10	7	10	.	
22	5.6	6.8	7.0	6.5	−3.5	617.3	617.3	615.4	70	81	100	W 2	SW 1	W 4	7	10	10≡	24.6	◹² 7–9p, ≡ III, ⌿–n, n ●²
23	3.8	3.8	2.4	3.3	−6.7	613.4	612.9	611.9	100	100	100	NW 4	W 4	W 4	10●	10●≡	10●	**63.7**	⌿ ●², ≡ II
24	1.2	3.4	2.2	2.3	−7.7	611.3	612.6	614.2	100	100	100	W 4	SE 0	W 2	10*	10≡	10●	15.9	✳ ⌿ n–I, ●, ≡ II ⊠
25	5.6	7.2	8.0	6.9	−3.1	614.7	616.8	617.2	100	96	85	SE 4	NE 3	SE 0	10≡	10	0	.	⌿ ≡ I, ⌿–II
26	9.6	10.2	10.2	10.0	−0.1	617.1	618.0	619.2	50	65	83	W 1	W 2	W 1	0	8	8	.	
27	10.4	13.2	9.4	11.0	0.9	620.0	620.2	**620.5**	63	75	72	NE 2	W 1	S 1	0	8	10	10.2	p ◹ ●
28	9.8	12.4	10.4	10.9	0.8	619.7	619.5	619.7	74	80	85	W 2	W 1	N 1	10	7	0	.	◹ ● n–I
29	10.8	13.8	10.8	11.8	1.8	618.5	618.2	617.9	75	85	84	W 1	W 1	W 1	0	8	10	.	
30	13.2	15.4	9.4	12.7	2.7	616.5	616.2	616.1	52	72	85	SE 1	S 1	W 3	0	7	10	.	⌿ III
31	9.4	10.2	10.4	10.0	0.0	614.9	615.3	616.2	89	87	85	NE 1	NE 3	NE 1	10	8	0	.	≡° I, ⌿ II
																		Summe	
Mittel	6.4	8.2	6.1	6.9	—	615.9	616.1	616.4	82	83	93				7.7	8.8	8.1	429.3	

Juli 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712.6^m$, $G = -0.12\,{}^m/_m$.

Tag	Lufttemperatur 7h	1h	9h	Mittel	Abweich. vom Normalst.	Luftdruck 7h	1h	9h	Relative Feuchtigkeit 7h	1h	9h	Windrichtung und Stärke 7h	1h	9h	Bewölkung 7h	1h	9h	Niederschlag	Witterung
1	6.5	10.0	5.2	7.2	−3.9	623.5	623.5	623.9	54	44	55	N 2	N 2	W 1	2	5	3	.	⌐² I
2	4.6	12.4	5.7	7.6	−3.6	622.7	621.9	621.5	71	40	65	SE 1	NE 1	W 1	7	6	7	1.5	⌐² I
3	5.6	12.4	6.6	8.2	−3.0	619.9	618.7	619.0	90	50	89	N 2	S 1	N 1	10	6	8	4.4	● n–I, p
4	7.5	10.4	7.2	8.4	−2.9	618.1	617.7	618.5	89	51	63	S 2	W 3	W 1	6	9	10	.	⸔ II
5	6.6	14.4	9.6	10.2	−1.2	618.7	618.4	619.9	85	41	65	N 2	W 2	— 0	7	7	10	0.8	n (5/6) ●°
6	9.1	10.6	6.4	8.7	−2.8	617.1	616.7	616.8	84	65	91	SW 1	SW 1	NE 1	10●	10●	4	3.7	● n–II
7	7.6	13.1	6.8	9.2	−2.3	616.2	616.2	617.7	96	59	93	E 1	SW 3	W 2	9	9	10●	6.5	●, ⸔ II
8	6.0	3.9	**0.8**	3.6	−8.0	617.3	617.5	618.2	94	89	90	NE 2	N 2	N 1	10	10●	10*	**25.2**	●², ✳ III–n
9	1.6	5.4	1.6	2.9	−8.8	620.8	622.5	623.1	95	55	65	NE 1	W 1	N 2	10*	8	3	0.2	a ✳° ⊠
10	2.4	7.2	4.2	4.6	−7.1	620.3	618.7	616.8	75	60	94	E 1	SW 3	N 2	8	10●	10●	5.5	● 1p–n
11	3.8	9.0	5.1	6.0	−5.8	615.4	**615.3**	617.3	94	59	81	N 1	W 4	W 1	10	10	10●	1.4	⸔ II, ● III
12	6.5	11.2	6.8	8.2	−3.6	620.0	620.5	622.9	80	48	63	N 1	W 3	NE 1	8	8	5	.	⸔ II
13	5.0	17.2	7.4	9.9	−2.0	623.8	623.7	625.8	90	30	63	SE 0	W 3	— 0	1	0	0	.	⌐ I, ⸔ II
14	6.3	19.8	10.2	12.1	0.2	626.1	623.8	623.5	79	35	79	NE 1	S 2	W 2	1	5	6	.	
15	6.4	13.8	11.2	10.5	−1.5	619.9	620.0	619.9	90	65	72	SW 1	SW 2	W 1	10	10	10	5.4	a ●°
16	4.4	1.4	3.8	3.2	−8.8	619.0	620.4	620.4	94	95	85	W 4	N 1	N 1	10●	10*	10	20.7	⸔ ● 6½–7½a, ● 8– *) ⊠
17	5.4	9.2	7.4	7.3	−4.7	621.0	621.7	624.3	84	62	70	N 1	N 1	NE 1	10	10	8	0.1	●° 0p–p
18	9.0	13.0	9.3	10.4	−1.7	624.6	624.0	623.8	73	49	70	W 1	SW 4	W 1	7	6	10	1.0	⸔ II, n ●
19	8.9	14.0	9.7	10.9	−1.2	623.1	622.6	621.1	93	52	72	W 1	W 3	W 1	10	5	10	1.5	⸔ II, n ●
20	8.8	15.2	8.8	10.9	−1.2	619.6	619.6	621.1	90	45	64	S 2	W 3	W 2	6	4	8	0.4	⸔ II, p ●°, ◠ 6p
21	7.2	13.2	8.2	9.5	−2.6	622.1	622.0	622.9	56	35	56	N 1	SW 3	— 0	7	1	5	.	⸔ II
22	8.6	14.2	4.6	9.1	−3.0	622.3	621.4	620.8	74	37	94	W 0	W 2	— 0	6	6	0	5.0	● 2–3p, n, ⊼ ● ▲ ◠ 5¼–
23	7.0	11.8	5.1	8.0	−4.1	617.7	617.7	618.9	94	46	88	N 1	W 2	W 1	10	9	10●	4.7	●, n ● [6¼p
24	5.0	7.8	4.8	5.9	−6.2	616.5	616.4	618.2	89	59	79	N 3	W 3	NE 2	8	10●	10	0.8	⸔ n–p, ●° II
25	6.2	14.4	7.8	9.5	−2.6	619.8	620.0	621.2	80	45	65	N 3	SW 3	NE 2	8	3	2	.	⸔ n–p
26	5.6	15.9	9.3	10.3	−1.8	622.6	622.5	624.6	89	39	71	SE 1	W 3	— 0	9	7	8	0.7	⌐ I, ⸔ II, ●° 2½p–p
27	7.2	16.6	8.9	10.9	−1.1	625.6	625.1	**626.4**	92	38	80	S 1	W 2	— 0	1	4	10	1.5	⌐ I, ● 4p–p
28	6.8	16.5	7.4	10.2	−1.8	625.1	624.5	624.8	95	41	75	E 0	SW 3	W 1	3	2	1	.	⸔ II, ●° 6½p
29	6.8	17.0	12.5	12.1	0.1	623.7	622.4	622.3	91	36	62	N 0	W 3	NE 1	2	5	8	.	⌐ I, ⸔ II, ●° 5p
30	8.6	**21.2**	12.7	14.2	2.3	622.1	620.5	620.4	87	**26**	73	S 0	SE 1	W 1	1	1	2	.	⊀ III
31	10.8	18.4	12.5	13.9	2.0	619.2	618.2	620.0	86	45	56	E 0	NW 2	S 2	8	1	3	.	
Mittel	6.5	12.6	7.3	8.8	—	620.8	620.4	621.2	85	50	74				6.9	6.4	6.8	Summe 91.0	*) **16.** 11a, ● ✳–0p, ✳–p

Juli 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^m$, $G = 0.00\,{}^m/_m$.

1	12.3	21.2	15.4	16.3	−2.6	718.8	716.1	717.0	72	41	50	NE 0	SW0–1	SW0–1	0	0	0	.	
2	13.0	21.9	15.6	16.8	−2.2	717.0	714.4	714.0	66	43	56	NE 0	NW0–1	NE 0	1	1	1	.	
3	14.3	20.6	16.3	17.1	−1.9	713.4	710.9	712.0	70	55	52	SW 0	SW 2	SW1–2	1	1	5	.	
4	15.3	22.0	15.5	17.6	−1.5	711.6	709.6	711.2	72	44	60	SW 0	SW 0	SW 0	7	4	2	.	
5	15.4	22.0	16.0	17.8	−1.3	712.6	712.1	712.0	64	50	62	SE 0	SW0–1	SW0–1	2	4	10●	3.2	● 2½, 9¼p–n
6	13.8	17.8	16.2	15.9	−3.2	710.6	709.4	709.3	100	70	58	S 0	W 1–2	SW 1	10●	8	6	0.6	●° I
7	14.9	19.3	15.1	16.4	−2.8	709.0	**708.9**	710.2	82	42	55	W 0	W 1–2	W 1–2	10	5	7	0.1	●° 8a
8	13.8	17.0	11.6	14.1	−5.1	711.4	710.2	714.9	66	51	65	NW0–1	SW0–1	SW 0	6	9	10	0.2	p ●°
9	10.8	18.8	12.2	13.9	−5.4	719.4	718.1	716.8	71	42	48	SW 0	SW0–1	S 0	8	4	1	.	
10	10.8	12.6	11.8	11.7	−7.6	713.9	712.5	711.0	69	90	89	E 0	S 0	W 0	10	10●	5	2.1	● 0–3p
11	**10.4**	15.2	12.3	12.6	−6.8	710.3	711.3	713.4	100	61	65	S 0	SW 1	NW 0	10●	10	6	0.5	●° I
12	11.2	20.6	16.0	15.9	−3.5	715.8	714.6	715.6	75	42	64	E 0	SW1–2	W 0	5	2	0	.	
13	14.6	23.2	18.0	18.6	−0.8	717.6	715.8	717.1	65	41	48	SE 0	SW1–2	N 0	0	0	0	.	
14	16.2	25.6	21.8	21.2	1.7	718.0	714.9	713.3	56	44	55	NE 0	SW0–1	SW0–1	0	4	7	1.8	● 9¼p, n
15	15.8	21.7	14.9	17.5	−2.0	713.3	712.3	713.3	83	51	75	S 0	SW0–1	SW0–1	10	2	8	0.2	
16	14.5	19.6	12.7	15.6	−3.9	713.7	714.6	715.6	65	47	90	SW0–1	SW 1	NE0–1	4	2	10●	4.1	● 7½p–n
17	13.1	17.8	14.2	15.0	−4.6	717.4	717.0	719.6	84	55	75	SW 0	W 1–2	SW 0	6	10	6	0.1	●° 3p
18	13.9	22.0	16.2	17.4	−2.2	**720.9**	717.3	718.2	70	44	72	NE 0	NW0–1	SW0–1	2	3	10●	3.4	● III–n
19	15.6	23.6	18.3	19.2	−0.4	717.7	716.6	716.1	84	47	55	S 0	SW0–1	SW0–1	8	2	7	3.3	
20	15.0	21.4	15.1	17.2	−2.4	714.8	713.4	715.8	93	58	56	SW0–1	W 1–2	W 2–3	9	4	2	.	● n–I, ⸔ III
21	13.4	21.5	17.3	17.4	−2.3	717.1	715.3	718.0	64	**39**	45	SW 0	SW2–3	SW 0	0	0	0	.	⸔ II
22	15.1	22.4	18.2	18.6	−1.1	718.2	718.1	714.7	72	45	55	E 0	SW 0	SW 1	8	10	10	5.2	● 8½p, n, ⊀ III
23	11.8	18.5	11.2	13.8	−5.9	713.6	711.9	712.8	96	56	94	SW 0	SW 1	NW 0	10	9	10●	2.6	●
24	11.0	14.7	12.5	12.7	−7.0	711.3	712.3	712.6	97	66	68	SW 0	W 0	NW1–2	10●	9	3	0.5	●° I
25	11.2	20.8	17.0	16.3	−3.4	714.2	711.6	712.6	76	46	69	E 0	SW 1	SE 0	0	0	0	.	
26	15.7	22.6	18.5	18.9	−0.8	715.4	714.7	716.4	74	54	58	SE 0	SW 1	E 0	3	5	8	0.5	n (26/27) ⊼ ●°
27	16.4	23.2	18.6	19.4	−0.2	718.7	717.1	718.6	70	47	72	SE 0	SW0–1	NW1–2	1	8	3	0.1	●° 2, 6½p
28	15.5	24.8	18.8	19.7	0.1	718.4	715.8	716.3	77	52	50	E 0	SW0–1	NW1–2	4	4	0	.	
29	15.4	**25.9**	19.9	20.4	0.8	716.5	713.7	712.9	85	41	50	NE 0	SW0–1	SE 0	2	1	0	.	
30	17.2	25.6	16.2	19.7	0.2	713.4	710.6	713.4	60	49	85	NE 0	S 0–1	NE 1–2	0	1	8	5.1	⊼ 6–6½p, ● 6¼–8p, n
31	15.8	17.8	14.6	16.1	−3.4	711.9	713.1	713.4	97	77	94	W 0	SW0–1	SW 0	10	9	2	0.8	a ●°
Mittel	14.0	20.7	15.7	16.8	—	715.0	713.7	714.5	77	51	64				5.1	4.5	4.7	Summe 34.4	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$Hb = 276.2^m$, $G = 0.03^{m/m}$.

Lugano.

Juli 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	15.4	23.8	21.6	20.3	−0.3	740.0	738.2	737.8	62	45	23	N 0	SSE 0	NE 1	0	0	0	.	
2	14.6	25.6	18.0	19.4	−1.3	738.0	736.4	735.3	52	36	60	NW 0	SE 0	NW 0	0	0	6	15.6	
3	13.6	22.2	16.8	17.5	−3.3	736.4	735.6	734.9	95	60	87	W 0	SE 0	NW 0	10●	6	10	6.5	⛆ ● 4–8 1/2a
4	17.0	20.6	17.2	18.3	−2.6	733.4	732.8	733.5	88	75	83	N 0	S 0	NW 0	6	10	8	.	
5	16.0	24.0	17.8	19.3	−1.6	734.0	733.6	733.9	82	67	75	N 0	SE 0	N 0	0	0	8	18.5	n (5/6) ⛆ ●
6	15.0	15.4	16.0	15.5	−5.5	733.3	732.9	732.2	87	88	97	NE 0	NE 0	NE 0	10●	10●	10	33.3	a ●2, p n ●
7	15.6	20.0	15.2	16.9	−4.2	731.3	731.1	731.6	96	88	98	NW 0	E 0	SW 0	10	10	10●	45.4	a ●°, ⛆ 2, 9p, p ●2, n ●
8	14.6	19.0	12.4	15.3	−5.8	732.7	732.0	733.4	93	73	97	E 0	NE 2	NW 0	10	10	10	10.4	⬋ II, ⛆ 3p, p ●
9	17.0	21.8	14.2	17.7	−3.5	735.9	737.9	738.2	50	34	58	N 0	NE 1	N 0	6	0	0	.	
10	14.8	16.0	12.8	14.5	−6.8	737.3	736.3	732.9	67	81	97	N 0	SE 0	N 0	10	10	8	5.2	●° 0 3/4p, p ●
11	10.8	21.4	19.0	17.1	−4.2	730.7	729.1	731.1	87	75	43	N 0	S 0	NE 1	0	4	8	.	
12	18.0	25.2	19.8	21.0	−0.4	733.7	735.4	736.6	69	30	58	SW 0	NE 2	NE 1	0	0	0	.	⬋ 0 1/2–1 1/2p
13	18.4	26.4	18.8	21.2	−0.2	739.2	739.2	740.1	64	66	72	N 0	S 0	N 0	0	0	0	.	
14	17.4	25.0	19.4	20.6	−0.8	741.2	739.6	738.2	80	72	80	N 0	S 0	N 0	0	4	0	.	●° 4 1/2p
15	18.6	25.0	19.2	20.9	−0.6	736.1	735.4	734.0	83	58	83	N 0	S 0	NW 0	8	0	6	8.5	
16	14.6	19.8	16.8	17.1	−4.4	733.4	733.9	734.0	76	62	51	N 0	E 0	NNE 0	10	4	0	5.4	⛆ ● 6 1/2–11 1/2a, ⬋ 4p
17	17.2	22.8	21.0	20.3	−1.2	735.3	735.8	736.1	64	43	57	SE 0	E 1	NE 2	0	8	0	.	⬋ 7a/4p–0a/4a
18	18.6	28.2	20.0	22.3	0.8	738.2	737.2	737.0	76	27	70	NW 0	NNE 1	SW 0	0	0	10	.	
19	17.6	27.4	20.4	21.8	0.3	737.6	736.6	734.7	72	70	70	N 0	S 0	N 0	0	0	2	.	
20	15.6	26.0	23.0	21.5	0.0	733.3	732.7	735.0	72	65	26	N 0	SE 0	NE 2	0	0	0	.	●° 6p, ⬋ III
21	17.2	26.6	19.0	20.9	−0.6	737.1	736.8	737.1	41	45	80	NNE 1	SE 0	N 0	0	0	0	.	
22	18.2	24.6	19.2	20.7	−0.8	738.9	737.0	735.2	80	69	80	N 0	S 0	N 0	3	2	3	26.4	⛆ ●z 10 1/4–11 3/4p
23	16.4	24.6	17.4	19.5	−2.0	733.5	731.0	731.1	87	66	75	SW 0	S 0	N 0	0	2	4	.	●° 8 1/2p
24	15.8	23.0	19.4	19.4	−2.1	731.2	730.0	731.3	75	71	40	N 0	S 0	N 0	0	2	4	.	
25	19.6	26.0	20.4	22.0	0.5	732.4	733.5	733.6	59	62	83	NW 0	S 0	SW 0	0	0	3	.	
26	17.8	26.2	19.4	21.1	−0.4	738.0	738.5	738.9	80	68	78	N 0	S 0	N 0	0	0	0	.	
27	18.6	28.2	21.2	22.7	1.3	741.0	740.0	739.7	74	57	77	N 0	S 0	NW 0	0	0	9	.	●° 10 1/2p
28	17.8	27.0	20.0	21.6	0.2	740.0	738.6	736.5	78	57	85	N 0	S 0	N 0	7	0	0	.	
29	18.2	28.2	22.6	23.0	1.6	737.6	735.8	733.3	86	68	72	N 0	SE 0	NW 0	0	0	0	.	
30	17.2	29.0	22.2	22.8	1.4	735.4	734.1	734.0	70	74	93	N 0	S 0	NW 0	0	0	10●	2.6	⛆ ● 9 1/4–10p, n ⬊
31	18.8	25.6	20.0	21.5	0.2	733.4	732.0	732.8	95	74	86	NW 0	W 0	N 0	10	0	2	3.8	● 8 1/2–9 1/2a
																		Summe	
Mittel	16.6	24.0	18.7	19.8	—	735.8	734.8	735.0	75	62	72				3.3	2.6	4.2	181.6	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$Hb = 277.2^m$, $G = 0.13^{m/m}$.

Basel.

Juli 1913.
Bernoullianum.

1	10.2	18.3	15.0	14.5	−3.8	743.0	742.2	741.5	82	48	64	E 1	N 1	N 0	3	4	0	.	
2	9.6	18.4	14.2	14.1	−4.3	741.3	739.2	738.2	92	51	65	SW 0	W 1	N 1	10	2	8	.	●° 7p
3	12.6	17.0	14.6	14.7	−3.8	736.9	736.3	736.3	86	57	76	W 0	N 1	N 0	10	9	9	.	
4	13.4	19.6	16.0	16.3	−2.2	735.6	734.5	735.3	80	46	72	S 0	W 1	W 1	5	8	10	.	
5	15.6	18.8	16.2	16.9	−1.7	734.8	734.7	734.4	79	61	85	SW 1	W 1	S 1	8	8	10●	4.0	●° 8, 9–9 1/2p
6	14.4	16.4	14.4	15.1	−3.5	731.7	731.7	732.1	100	81	91	SE 1	S 1	S 1	10●	10●	10●	4.5	● 0 1/4–7 1/2a, 1–1 3/4, 8p–
7	12.8	15.0	13.6	13.8	−4.9	732.0	733.7	734.8	98	64	76	E 1	SW 1	W 1	10●	9	3	1.0	● 5a–0 3/4p [2 1/4a
8	12.0	14.2	11.2	12.5	−6.2	735.0	734.7	738.4	81	68	90	E 1	NE 1	SW 0	2	7	10	2.6	● 0 1/4–6 1/4, 9–10 1/4p, p ⛆
9	11.0	14.0	12.6	12.5	−6.3	742.2	741.7	740.1	77	59	79	W 1	SW 1	SW 1	8	10	8	0.1	●° 4 1/4p
10	11.6	12.6	12.8	12.3	−6.5	735.9	734.2	732.6	78	88	81	E 1	SE 1	SE 1	10	10●	10	2.6	● 9 1/2a–4 1/4p
11	12.8	15.8	12.4	13.7	−5.1	732.2	733.7	736.4	90	67	95	SE 1	W 1	S 0	8	10	8	4.5	● 2 3/4–3 3/4a, 5–6 1/4p
12	11.6	19.2	16.8	15.9	−3.0	738.9	738.6	739.2	90	58	78	E 1	N 0	SE 0	2	3	0	.	
13	13.4	23.4	19.0	18.6	−0.3	740.1	739.4	739.7	89	44	65	E 0	E 1	SE 1	0	1	2	.	[8–11 1/2p
14	16.0	26.8	19.0	20.6	1.7	739.2	736.6	734.9	75	44	79	E 1	N 0	W 0	0	4	10	4.2	⛆ 7 3/4–8 1/2, 10 3/4p–0 1/4a, ●
15	15.4	15.4	15.2	15.3	−3.7	734.8	736.7	737.1	93	89	75	E 1	W 1	SW 1	10	10	10	1.8	● 5 1/4–9 3/4a, 0 1/2–2 3/4p
16	14.0	17.2	14.0	15.1	−3.9	737.3	736.6	737.6	72	59	89	SW 1	NW 1	SE 1	7	8	10	3.6	● 0 1/4–5 1/4, 8 3/4, 10 3/4–11 1/4p
17	13.6	17.0	14.8	15.1	−3.9	739.5	740.6	742.5	91	68	91	SW 0	W 1	SE 1	10●	10	8	0.2	● 3 3/4–4 3/4a, 6–8 3/4a, ●° 1 3/4–
18	13.4	20.2	15.4	16.3	−2.7	742.7	741.3	740.5	91	59	96	E 1	W 1	SW 0	8	9	10●	10.7	● 4 1/4p–0 3/4a [3 1/4p
19	15.4	18.4	14.8	16.2	−2.8	740.4	739.9	739.1	96	72	93	SW 0	NW 1	W 1	10	10	10	3.6	● 0 1/4, 7 1/4–11 1/2p
20	14.8	15.2	14.0	14.7	−4.4	737.0	738.1	739.7	89	81	80	NW 1	NE 1	S 0	10	10	10	0.6	● 4 3/4–5 1/2a, ●° 9 1/2–9 3/4a, [0 3/4–1p
21	11.4	17.6	15.3	14.8	−4.3	740.5	740.1	740.5	93	58	68	S 0	N 1	W 0	7	5	10	.	●° 1 1/2–1 3/4a
22	14.6	19.4	13.2	15.7	−3.4	739.6	738.3	736.8	76	52	95	SE 1	W 1	SE 1	3	9	10●	6.8	⛆ ● 7 1/2–9 3/4p [6 3/4p
23	13.0	13.6	12.4	13.0	−6.1	735.4	735.0	734.0	88	76	81	SW 1	W 1	SW 1	8	10●	10	1.5	● 2 1/2–2 3/4, 5 1/4–6 3/4a, 11 1/4–
24	11.8	15.4	13.6	13.6	−5.5	733.4	735.0	737.3	93	69	91	SW 0	S 0	SW 0	10●	8	10	0.6	● 2 1/2–8a, ●° 3 1/4–4 3/4p
25	12.6	19.4	16.6	16.2	−2.8	738.1	737.2	737.1	93	65	78	NW 0	N 1	E 0	10	4	1	.	
26	13.2	22.2	18.4	17.9	−1.1	738.3	737.8	738.7	86	62	83	SE 1	NW 1	SW 1	1	3	0	.	
27	15.0	23.7	19.6	19.4	0.4	740.4	739.7	740.2	89	55	64	E 0	NW 0	E 1	1	2	2	.	
28	16.0	24.0	19.4	19.8	0.8	740.1	738.9	738.8	81	55	79	E 1	NE 0	SW 0	2	6	0	.	
29	15.0	25.0	20.0	20.0	1.0	738.5	737.1	736.8	89	45	71	E 1	N 1	W 0	0	1	4	.	
30	13.6	22.2	20.2	18.7	−0.3	736.8	734.9	734.5	89	62	81	W 1	N 1	S 0	10	6	8	.	
31	16.9	22.9	19.3	19.7	0.8	735.3	735.1	736.3	77	54	79	W 1	NW 1	SW 1	10	4	1	.	
																		Summe	
Mittel	13.4	18.7	15.6	15.9	—	737.6	737.2	737.5	87	62	80				6.5	6.8	6.8	52.9	

Juli 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$H_b = 2500.1^m$, $G = -0.16\,^{m}/_{m}$.

Tag	Lufttemperatur 7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst	Luftdruck 7³⁰	1³⁰	9³⁰	Relative Feuchtigkeit 7³⁰	1³⁰	9³⁰	Windrichtung und Stärke 7³⁰	1³⁰	9³⁰	Bewölkung 7³⁰	1³⁰	9³⁰	Niederschlag	Witterung
1	−1.8	−0.3	−1.3	−1.1	−5.0	566.0	566.9	566.8	97	100	98	WSW 0	W 1	WNW 2	3	9	9	.	≡ 11¼-11½², 3¾-4½p
2	−0.8	0.7	−0.3	−0.1	−4.1	565.1	565.5	564.2	98	88	87	W 2	WSW 2	WSW 3	9	4	8	0.8	n (⅔) △°
3	0.0	3.1	−0.2	1.0	−3.1	562.5	562.6	562.5	100	97	100	WSW 2	WSW 1	WNW 3	9	10−	10−	7.1	≡ 5¼²-n, △ 6¾-8p, n
4	−1.4	0.6	−0.4	−0.4	−4.5	561.4	561.6	561.6	98	99	100	NW 2	WNW 3	W 3	9	10=	10=	8.7	≡ 10¾²-n, n ✳ [✳
5	−0.3	2.2	2.0	1.3	−2.9	561.5	562.4	562.3	100	100	100	W 2	WSW 3	WSW 4	10≡	10≡	10≡●	7.1	⋁ I, ≡, ● 9p-n
6	1.5	1.5	1.0	1.3	−3.0	560.0	559.7	560.1	100	100	100	WSW 4	WSW 5	WSW 4	10≡	10≡	10≡	20.0	● n-11¼², 3½-6¾p, *)
7	0.0	−0.1	−1.0	−0.4	−4.8	559.2	559.9	561.1	100	100	100	WSW 3	WSW 3	W 3	10≡*	10≡	10=	21.9	✳ n-1, 4½-5p, ● 8- *)
8	−0.8	−1.4	−3.1	−1.8	−6.3	560.7	560.8	561.3	98	100	100	WSW 1	NNW 1	WSW 3	10≡	10≡*	10≡*	61.4	≡, ✳² 9½²-n, ⊹ ⋁ *)
9	−4.1	−4.2	−4.5	−4.3	−8.8	563.6	564.6	564.6	100	100	95	WSW 2	WSW 2	WSW 2	10≡*△	10≡*△	3	15.4	✳ △ n-4p, ≡ ⊹ ⋁ *)
10	−1.8	0.2	−2.3	−1.3	−5.9	561.9	560.7	558.9	90	100	100	WSW 1	S 1	WSW 4	8	10=*	10≡*△	8.4	≡ 0³¾p-n, ✳ 0-2¼, *)
11	−2.1	0.2	−1.4	−1.1	−5.8	**558.1**	559.6	561.5	100	100	100	WSW 2	W 2	WNW 2	10≡*△	10=	10≡*△	42.1	✳² △² n-0½, 2¼p-n, ≡
12	−0.5	0.6	0.0	0.0	−4.8	563.6	565.0	566.4	100	98	98	NNW 1	NE 1	NNE 1	10≡●	10=	2	0.2	● n-9¼²ª, ≡ n-2³¼,
13	1.9	5.1	4.8	3.9	−0.9	567.0	568.3	**569.3**	79	91	97	ENE 1	SW 1	WSW 3	1	4	1	.	[4¼-5³¼p
14	5.2	8.4	8.0	7.2	2.3	568.6	568.8	567.4	80	75	77	WSW 4	WSW 3	SW 2	1	5	8	4.0	a
15	3.0	3.4	2.5	3.0	−1.9	563.7	564.0	563.7	100	98	98	WSW 3	SW 4	WSW 1	10≡●	10≡●	10≡●	31.5	● n-8½²ª, ≡ n-7³¾, *)
16	−2.2	−1.4	−1.0	−1.5	−6.5	562.3	562.7	563.3	100	98	100	W 2	W 1	WSW 3	10≡*	9	10=	18.3	a ⊹, ✳ n-1¼p, ≡ ⋁
17	−0.6	0.0	0.6	0.0	−5.1	564.3	565.8	568.1	100	100	100	WSW 2	WSW 3	WSW 3	10≡*	10≡(	10=	12.1	⋁ I, ✳ 7-9³¾⁴ª, ≡, △ *)
18	0.9	2.2	2.4	1.8	−3.3	567.9	567.9	566.8	98	100	100	NW 1	WSW 3	WNW 3	8	10=	10≡●	40.7	≡ 8³¾⁴ª-n, ●² 6³¾p-n
19	2.0	3.1	2.2	2.4	−2.8	566.4	566.6	564.9	100	100	100	W 2	WSW 3	W 4	10≡●	10=	10 ●	**71.1**	●² n-10½²ª, 3¼-5¼, *)
20	2.5	1.4	−1.8	0.7	−4.5	563.3	563.5	564.7	100	100	100	WNW 3	WSW 3	WNW 3	10≡●	10=	10=	26.5	●² n-1, 3⁶¾-6¼p, ≡, *)
21	−1.7	0.3	0.1	−0.4	−5.7	564.7	565.7	566.0	100	98	100	WNW 1	WSW 3	W 3	10≡	10≡	10=	0.3	≡ n-10¼⁴ª, 1½p-n
22	−0.2	1.8	0.9	0.8	−4.5	564.8	564.9	563.4	98	98	100	WSW 4	WSW 4	WSW 4	10≡	10≡	10=	39.3	≡, ✳ ● 3-4¼p, *)
23	−0.8	−0.6	−2.2	−1.2	−6.5	560.9	560.5	559.2	100	100	100	WSW 2	W 3	WSW 3	10≡△	10≡✳	10≡✳△	66.0	△² n-9ª, ✳-10¼⁴ª, *)
24	−1.6	−1.0	−1.2	−1.3	−6.7	559.1	560.4	562.2	100	100	100	WSW 1	WNW 2	NE 2	10≡*	10=	10≡*	5.6	≡ ⋁, ✳ n-9¼⁴ª, 4³¾p-
25	−0.3	1.6	1.8	1.0	−4.4	563.4	564.6	564.8	98	98	97	NE 2	ENE 1	W 1	10≡	10≡	1	.	≡ n-II [n, ⊹ 6p-n
26	2.5	5.6	3.6	3.9	−1.5	565.5	566.9	568.1	81	92	96	WSW 3	SW 2	WSW 3	2	9	2	0.9	≡ 2³¾p-9p, n ⋋° ●°
27	4.2	7.1	3.8	5.0	−0.4	568.7	569.1	**569.3**	92	88	86	WSW 3	WSW 2	WSW 3	6	6	3	0.3	⋋ 3¼-6½p, ●° 4¼-*)
28	4.7	7.3	4.2	5.4	0.0	568.2	568.5	568.2	98	83	88	WSW 2	WSW 2	WNW 2	9	7	1	0.3	●° 4-4³¾p, △° 4½-*)
29	4.8	7.5	5.3	5.9	0.4	566.9	567.0	566.4	98	97	100	WNW 2	W 2	WNW 1	10≡	6	10≡	.	≡ n-11ª, 9¼p-n
30	5.4	**8.8**	6.1	6.8	1.3	565.7	565.7	565.1	80	72	66	W 2	WSW 2	W 3	1	7	3	.	≡ 8-8¼p, ⋋° III
31	5.5	7.7	3.3	5.5	0.0	563.6	564.4	564.9	**54**	81	94	NNW 2	NE 1	NNE 1	3	7	1	.	≡ 3¼-4, 7¼-8³¾p
																		Summe	
Mittel	0.8	2.3	1.0	1.4	—	563.8	564.3	564.4	95	95	96				8.0	8.8	7.5	510.0	

*) **6.** ⋍ ≡, ✳ 11³¾⁴ª-0p, ⋍ II *) **7.** 9¼²ª, 5-7½²p, ⋍ 10¼²ª, ≡ *) **8.** 7p-n *) **9.** n-7½²p *) **10.** 4¼-4³¾p, ⋍ III, ✳ △ ⊹ ⋁ 6½²p-n *) **15.** 10¼⁴ª-n, ⋍, ●² 11¼⁴ª-3, 8³¾p-n *) **17.** 1¼-2½²p, ● 4-6p *) **19.** 7³¾p-n, ≡, p ⋍ *) **20.** △ 3⁵¾-4¼⁴p, n ✳ *) **22.** 4½²p, △ 7½-7³¾p, ●-9¼p, ⋋² 8½-11p *) **23.** ≡ ⋁, ✳² △² 11½²ª-n, ⊹² 2p-n *) **27.** 5³¾p, △° 4½²p, ≡ 4¼-4³¾p, ⋖ III *) **28.** 4³¾p, ⋋ 4½-6¼p, ≡ 5¼-7³¾p, ⋖ III

Juli 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^{m}/_{m}$.

1	−0.5	5.4	1.4	2.1	−4.5	594.2	594.7	595.6	91	39	79	N 2-3	N 2-3	N 2	4	2	3	.	⋍ n-II
2	1.8	8.1	4.4	4.8	−1.9	593.5	593.4	592.1	69	26	70	N 2	N 1	N 1	7	6	8	.	
3	3.0	7.4	3.1	4.5	−2.3	590.7	590.7	590.9	94	60	92	N 0	S 1	S 1	10	10	8	0.3	
4	1.8	5.7	3.9	3.8	−3.0	589.7	589.7	590.0	99	47	97	NNE 2	N 2	N 2	10≡	5	9	.	≡ n-I
5	3.1	9.6	4.6	5.8	−1.1	590.1	590.4	590.6	75	26	85	N 1	N 0	N 0	5	8	7	.	
6	5.7	6.8	4.7	5.7	−1.3	588.6	588.4	588.3	85	95	99	N 0	S 1	N 1	10	10●	10≡	3.4	● 0p-p, ≡ III
7	5.4	5.0	2.6	4.3	−2.8	587.3	588.2	588.8	87	90	100	N 0	N 1	N 2	8	9	10=	2.2	● 8½-10½²ª, ≡ III-n
8	1.2	1.3	−0.8	0.6	−6.6	588.5	588.4	589.2	100	100	100	N 1	N 2	N 2-3	10≡	10≡	10*	**10.0**	a ≡, ●, ≡° II, ⊹ ⋍ ✳
9	**−1.9**	−1.2	−0.6	−1.2	−8.5	591.3	593.8	592.9	100	98	79	NE 3	N 2	N 1	10*	8	2	.	⋍ ⊹ ✳° I [7½²p-n
10	1.6	0.8	0.1	0.8	−6.6	590.9	589.6	587.6	51	96	100	S 1	S 1	N 1	10	10=	10*	6.9	✳ 0p, III, ≡ II
11	0.2	2.4	0.7	1.1	−6.4	**585.9**	587.2	590.1	100	90	100	N 2-3	N 3	N 4-5	9	10≡	10≡	0.4	≡ ⋍, ⋍ III
12	1.0	4.0	2.4	2.5	−5.1	591.7	592.9	594.4	100	68	82	N 2	N 2	N 1-2	10≡	4	8	.	≡ I
13	4.4	13.0	8.4	8.6	1.0	595.1	596.0	597.3	48	**17**	45	N 1	N 1	N 1	0	0	2	.	
14	9.7	15.1	10.2	11.7	4.2	597.2	596.7	595.4	34	41	72	NE 0	S 1	SSE 2	0	6	9=	7.1	● 6¼-6½²p, ≡ III
15	7.2	11.1	5.1	7.8	0.0	591.8	592.0	591.2	82	62	92	NE 0	SSE 1	NNE 0	10	10	10≡	**10.0**	● 6¼⁴ª-a, 4¼-4½²p, ≡ III
16	0.2	2.2	1.3	1.2	−6.7	590.2	590.5	591.0	100	89	100	N 3	N 2-3	N 3-4	10*	7	10≡	8.5	✳ n-8¼²ª, ⋍, ● 4p-n, ≡ III
17	1.0	2.6	3.0	1.9	−6.1	592.3	593.4	595.8	100	97	100	N 3	N 3	N 2-3	10	10≡	10≡	1.2	≡° I, ⋍ ≡, n ●
18	3.0	7.3	5.4	5.2	−2.8	596.2	596.1	595.1	100	61	87	N 2	NNE 2	N 1	10≡	5	10=	4.6	≡ I, III, n ●
19	4.4	8.4	5.3	6.0	−2.1	594.7	594.9	593.5	99	51	80	N 1	NNE 1	NE 2	10≡	5	10●≡	**10.0**	≡ I, ● ≡ III-n
20	4.8	5.7	2.2	4.2	−3.9	591.5	592.0	592.9	94	100	90	NE 3	NE 2-3	N 2	7	10=	10=	4.9	⋍ n-II, p ≡, ● 3-4p
21	0.3	7.2	4.1	3.9	−4.2	593.2	593.8	594.6	97	34	90	N 2	N 2	N 1-2	5	2	10=	.	≡ III
22	4.7	10.0	5.7	6.8	−1.4	593.8	593.5	592.4	75	32	65	N 0	N 0	NW 0	4	7	9	1.2	● 5, 6p [✳ 5½p
23	2.0	6.6	1.5	3.4	−4.8	589.6	588.9	588.6	90	45	95	N 1	N 1	N 1	10≡	9	10	7.5	≡ I, III-n, ● ✳ 8-10¼⁴ª,
24	0.4	2.0	1.2	1.2	−7.0	587.4	588.4	590.1	99	94	100	N 1	N 3	N 3-4	10≡	9≡	10=	1.0	≡, p ⋍, ≡² III, n ●
25	2.0	8.5	5.7	5.4	−2.9	591.3	592.3	593.1	100	38	75	NNE 2	N 2	N 1	4	3	3	.	
26	6.5	11.8	7.2	8.5	0.2	594.0	594.8	596.4	91	50	65	NNE 0	S 1	NE 1	5	7	8	3.6	n (²⁸/₂₇) ●
27	6.3	11.3	6.1	7.9	−0.4	597.1	597.2	**597.7**	67	40	74	NE 1	NE 1	N 1	10	10	3	3.0	n ●
28	8.6	12.3	7.9	9.6	1.3	596.4	596.2	596.3	54	30	62	N 1	NE 1	NE 1	4	3	4	.	
29	8.9	12.7	9.1	10.2	1.9	595.0	594.9	594.1	51	37	76	NNE 2	NE 1	NNE 1	5	3	3	.	
30	9.0	**16.9**	8.2	11.4	3.1	593.4	593.1	593.1	44	21	90	N 0	S 1	S 1	2	1	8	3.5	● 7¼-8¼p
31	6.4	9.9	6.4	7.3	−1.0	591.3	591.4	592.4	100	81	95	N 1-2	N 2	N 3	10≡	4	9	.	≡ I, ⋍ ≡ III
																		Summe	
Mittel	3.6	7.4	4.2	5.1	·	592.1	592.4	592.6	83	60	85				7.4	6.5	7.8	89.3	

$= 7° 26'$, $\beta = 46° 57'$,
$H_b = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

August 1913.
Tellur. Observatorium.

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	14.2	20.8	16.1	17.0	−0.8	711.9	711.8	713.7	89	42	55	NE o	NE 2	E o	1	1	3	.	⊿ I, ⸗ II
2	13.4	22.2	16.4	17.3	−0.5	714.2	713.8	713.3	74	36	65	E o	E 2	N o	1	1	1	.	⊿ I, ⸗ II
3	13.8	22.2	17.7	17.9	0.2	712.7	711.8	711.6	79	53	78	SE o	NE 1	NE o	1	1	2	.	⊿ I
4	15.2	24.6	17.1	19.0	1.3	711.7	711.0	710.7	83	34	65	SE o	NW o	SW o	o	1	3	.	⊿ I
5	16.5	25.7	18.5	20.2	2.6	710.7	709.7	708.5	74	31	65	SE o	W 1	SW o	1	2	3	1.9	⊿ I, ≮ III, ⊼ ● 12p
6	17.6	17.2	13.5	16.1	−1.5	708.1	708.4	710.0	87	73	96	SE o	W 2	W o	4	10	10●	11.5	● a, 4p–n, ⸗ II
7	11.6	16.6	12.9	13.7	−3.8	711.5	711.4	712.2	92	56	70	NW o	NE 1	NE o	9	7	9	.	
8	11.1	16.5	12.9	13.5	−4.0	711.9	711.2	710.3	83	42	77	NE o	NNW o	NE o	9	5	4	.	
9	11.8	13.1	11.8	12.2	−5.2	709.2	709.8	711.8	87	77	81	S o	SW 2	SW 1	10	10	10●	7.6	⸗ II, ● a, III–n
10	9.8	14.8	12.4	12.3	−5.0	713.1	713.4	714.6	96	58	88	SW o	SW 1	SW o	10●	9	5	4.1	● n–11 1/2a
11	10.8	20.1	14.8	15.2	−2.1	715.2	714.4	714.2	85	33	73	S o	W 1	S o	2	6	9	3.4	⊿ I, n ●
12	13.1	16.6	15.2	15.0	−2.2	713.5	713.5	714.0	93	76	90	N o	W 1	SSE o	10	10	10	7.6	n (12/13) ●
13	14.6	17.0	13.0	14.9	−2.2	714.6	714.6	715.1	92	65	72	SE o	N o	N o	7	9	8	0.2	●° 9 1/2–10 1/2a
14	10.7	12.2	11.3	11.4	−5.7	713.7	713.0	713.2	92	88	97	SW o	SW o	S o	10	10	9	3.9	● a, n
15	11.6	18.7	12.7	14.3	−2.7	713.0	711.9	712.8	96	37	84	SE o	SW o	NE o	8	5	5	.	
16	9.9	17.9	12.7	13.5	−3.4	712.3	712.5	713.2	96	41	77	NE o	N 1	E o	3	1	o	.	⊿ I
17	10.2	20.2	15.1	15.2	−1.6	713.6	713.3	713.5	88	42	78	SE o	NE o	NE o	o	1	1	.	⊿ I
18	11.2	19.4	16.4	15.7	−1.0	714.1	713.0	713.2	89	61	89	NE o	NE o	N o	7	9	3	.	⊿ I, Ψ III
19	16.2	18.7	17.0	17.3	−0.7	713.2	713.1	712.5	88	86	93	SE o	W 1	NE o	7	10●	9	10.3	⊿ I, ◕ o–o 1/4, 1 1/4–1 1/2p, n.
20	14.5	19.1	15.0	16.2	−0.3	711.8	712.1	713.5	91	64	95	SW o	SW o	SW o	9	7	10	4.3	● a, 3 1/4–5 1/2p [≮ III
21	13.9	19.1	13.8	15.6	−0.9	715.3	715.5	716.6	93	50	85	NE o	NE o	NE o	6≡	6	3≡	.	⊿ ≡ I, ≡ III–n
22	12.1	20.7	14.2	15.7	−0.7	717.7	717.0	715.6	88	42	84	SE o	NNE 1	NE o	1≡	1	2	.	⊿ ≡ I
23	12.6	23.4	17.4	17.8	1.5	715.0	713.6	713.9	88	46	81	SE o	SW 1	S o	1≡	o	2	.	≡ I
24	15.0	20.8	17.7	17.8	1.6	714.8	714.9	715.8	79	56	90	SE o	W o	SE o	5	9	5	10.4	●° o 3/4, 2–2 1/4p
25	16.2	21.8	16.1	18.0	1.9	717.5	717.7	717.9	94	56	79	SW o	NE o	NE o	10	3	1	.	⊼ ● 1 1/2–2a
26	13.3	22.4	16.5	17.4	1.4	718.6	717.9	717.2	88	60	89	NE o	NE o	NE o	3	3	1	.	⊿ I
27	14.3	23.2	17.6	18.4	2.5	716.4	715.5	714.9	87	62	87	NE o	NE o	N o	4≡	4	1	.	⊿ ≡ I
28	14.4	25.7	18.3	19.5	3.7	714.2	712.7	711.9	94	57	90	NW o	NE 1	NE o	10≡	1	3	.	⊿ ≡² I
29	16.2	26.4	19.8	20.8	5.1	711.2	709.5	709.5	91	53	89	S o	N o	NE 1	5	3	10●	8.8	⊿ I, ⊼ ● 8 3/4–9 1/2p
30	15.6	22.2	16.4	18.1	2.6	708.8	708.9	711.4	94	62	94	E o	SW o	SE o	9	9	5	1.6	
31	15.2	21.7	17.2	18.0	2.6	713.0	713.2	713.9	94	48	84	S o	W 1	SW o	7	6	3	.	⊼ ● oa
																		Summe	
Mittel	13.4	20.0	15.4	16.3	—	713.3	712.9	713.2	89	54	82				5.5	5.2	4.8	74.7	

$\lambda = 6° 57'$, $\beta = 47° 0'$,
$H_b = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

August 1913.
Observatorium.

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	15.6	22.8	18.2	18.9	−0.8	719.4	719.1	721.1	79	42	48	E 1	E 2	E 2	3	o	o	.	
2	15.7	24.7	19.5	20.0	0.4	721.7	721.1	720.6	64	42	57	E 1	E 1	E 2	o	o	2	.	≮ III
3	15.8	24.4	20.6	20.3	0.7	720.2	719.2	718.7	81	50	56	E 2	E 2	NE 1	3	o	o	.	
4	15.4	25.5	18.5	19.8	0.2	719.1	718.4	717.7	87	47	77	E 1	SW 1	NE 1	3	3	3	.	●° 6 1/2p
5	16.0	24.3	19.2	19.8	0.3	718.1	716.9	715.6	85	50	66	E 1	W 2	NE 1	4	6	3	3.3	≮ 9p–n
6	16.8	16.0	13.1	15.3	−4.2	715.5	715.9	717.4	92	83	87	NE 1	W 2	NE 1	6	10●	10	13.9	⊼ ● o 1/2a, ≡° I, ● 10a–n
7	13.3	17.1	14.1	14.8	−4.6	718.9	718.8	719.5	73	59	65	NE 1	N 1	SW 1	5	8	6	.	≡° I, ●° 1 1/2p
8	11.2	20.0	13.1	14.8	−4.6	719.4	718.7	717.7	73	48	64	NE 1	SW 1	N 1	7	6	5	0.6	≡° I, III, n ●°
9	11.6	13.5	12.1	12.4	−6.9	716.8	717.1	719.2	85	84	79	N 1	SW 2	NW 2	10	10●	10	10.2	●
10	9.8	13.2	13.2	12.1	−7.1	720.3	720.1	721.9	92	90	70	NW 2	W 1	NW 1	9	10	4	4.2	● n–3 1/2p
11	11.0	21.4	14.7	15.7	−3.5	722.8	722.0	721.3	90	50	75	NE 1	SW 1	N 1	4	6	10	4.5	
12	13.3	16.6	15.1	15.0	−4.1	721.1	720.8	721.3	96	84	88	NW 1	SW 2	N 1	10	10	10	0.7	● n–7a, n ●°
13	14.8	19.0	13.9	15.9	−3.1	722.0	722.1	722.3	89	57	58	E 1	W 1	N 3	4	9	7	0.2	⸗ 3 1/2p–n, n ●°
14	11.4	13.6	12.8	12.6	−6.4	721.1	720.3	720.6	93	84	89	SE o	SW 1	SW 1	10●	10●	10	4.3	●
15	12.0	18.3	13.8	14.7	−4.2	720.2	719.5	720.1	93	54	56	NW 1	SW 1	NE 1	7	7	3	.	
16	12.0	20.4	13.0	15.1	−3.7	719.8	719.8	720.7	83	39	70	NE 1	E 2	NE o	2	5	o	.	
17	10.7	21.8	14.8	15.8	−3.0	721.1	721.0	721.0	87	52	75	E 1	SE 1	NE 1	2	2	o	.	
18	12.5	18.6	15.9	15.7	−3.0	721.7	720.4	720.5	89	69	92	NE 1	E 1	N o	6	10	6	0.7	≡° I, ●° 6, 7 1/2p, ≮ 10p
19	14.8	18.4	15.9	16.4	−2.2	720.7	720.3	719.4	92	88	95	NE 1	NE 1	NW 1	8●	10	7	8.2	● 7 1/2a–4 1/2p, n, ≮ III
20	15.2	18.6	14.4	16.1	−2.4	719.1	719.5	720.8	97	78	98	SW 1	SW 1	W 1	10	8	10	9.3	●, n ●
21	13.3	21.2	16.4	17.0	−1.4	722.8	723.0	723.9	93	54	68	NE 1	SE 1	N 3	4	7	4	.	⸗ III
22	12.1	22.4	17.5	17.3	−1.0	725.1	724.4	722.9	93	57	65	NE 1	SE 1	N 1	5	o	o	.	≡° I
23	12.5	23.9	16.8	17.7	−0.5	722.7	721.0	721.2	91	57	74	E 1	SW 1	N 1	3	o	o	.	
24	14.5	18.6	17.2	16.8	−1.3	722.1	722.3	722.9	92	86	93	NE 1	SE 1	N 1	8	8●	8	5.2	●° 11a, ● o 1/2–7 1/2p, n
25	15.8	24.1	17.9	19.3	1.3	724.9	725.0	725.2	96	58	76	NE 1	S 1	NW 1	6	3	2	.	⊼ 1a
26	14.8	23.2	19.6	19.2	1.2	726.1	725.3	724.6	80	66	67	E 1	SE 1	NE 2	6	5	o	.	≡° n–II
27	15.3	24.1	18.6	19.3	1.4	724.1	722.9	722.3	75	63	78	E 1	SE 1	N 1	7	5	o	.	≡° I
28	15.2	25.3	20.4	20.3	2.5	721.8	720.1	719.1	90	62	76	E 1	S 1	N o	o	1	o	.	[▲° 5 3/4p, ●° 9p. n ●
29	16.4	25.9	17.9	20.1	2.4	718.4	716.8	716.4	86	61	96	NE 1	S 1	N 1	6	5	10	25.3	≡° n–II, ⊼ ●² 3 1/2–6 3/4p,
30	16.0	21.0	17.1	18.0	0.5	716.0	716.3	718.6	95	63	87	NE 1	NW 2	N 1	9	8	9	6.5	● 5 3/4p, n
31	15.3	21.4	16.4	17.7	0.3	720.5	720.5	721.2	87	67	77	NW 1	SW 1	N 1	9	8	o	.	
																		Summe	
Mittel	13.9	20.6	16.2	16.9	—	720.8	720.3	720.5	87	63	75				5.7	6.1	4.5	97.1	

August 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	14.6	21.4	15.1	17.0	−1.1	722.1	722.0	723.7	90	50	81	E o	NW 2	SE o	2	4	o	.	
2	13.6	22.0	15.8	17.1	−1.0	724.0	724.0	723.3	90	**41**	74	E o	N 2	SE o	o	3	o	.	
3	13.7	20.7	17.0	17.1	−0.9	722.7	721.7	721.3	84	61	89	E o	N o–1	E o	o	1	o	.	
4	14.8	23.4	17.2	18.5	0.5	721.4	720.6	720.3	90	50	92	E o	N 1	SE o	4	2	o	.	
5	16.1	**24.0**	15.0	18.4	0.4	720.4	718.9	718.5	86	**41**	96	E o	N 1	SE o	o	5	o	1.9	⊼° ●° 3p
6	16.3	16.6	14.2	15.7	−2.2	718.3	**718.1**	720.0	100	63	100	E o	N 2	NW o	10●	10●	10●	17.9	●
7	13.8	19.4	12.8	15.3	−2.6	720.7	722.5	722.1	98	50	95	E o	E o	NW o	10●	10●	10	0.6	●° n–II
8	12.2	17.0	14.4	14.5	−3.4	721.4	721.2	720.1	89	50	81	E o	N 2	NE o–1	10	6	10●	6.7	≡° I, ● III–n
9	12.2	13.0	12.0	12.4	−5.4	719.3	720.5	721.4	94	89	100	S o	NW o	SW o	10●	10●	10●	10.4	●
10	11.8	14.0	12.0	12.6	−5.2	722.4	724.5	725.1	96	66	95	E o	N o	SE o	7	10●	3	3.4	● II
11	10.8	19.6	14.9	15.1	−2.6	725.2	724.3	724.0	96	**41**	80	E o–1	NW 1	SE o	4	3	9	0.7	
12	14.2	18.6	14.6	15.8	−1.8	723.4	723.3	724.0	96	61	99	E o	N o	SW o	10●	10	10	10.9	●° n–I, n ●
13	14.0	16.8	11.8	14.2	−3.4	724.0	724.4	725.3	100	79	98	E o	SE o	NW o	10●	10●	10●	**24.9**	●2, ⊼ 5¾p
14	11.6	12.5	11.8	12.0	−5.5	723.6	723.0	723.0	100	93	100	E o	NW o	N o	10●	10●	10●	17.1	●
15	11.7	15.6	12.4	13.2	−4.2	722.5	722.2	722.8	100	64	96	NE o	NE o	NE o	10●	10	10●	2.9	● I, III
16	12.8	18.2	11.1	14.0	−3.4	722.5	722.4	723 3	96	45	92	NE o	N 1	SE o	9	4	2	0.4	≡° I
17	**9.8**	18.9	13.0	13.9	−3.4	723.5	723.0	724.0	97	47	95	E o	NWo–1	SE o	o	1	o	.	⊿2 n–I
18	11.6	20.0	15.0	15.5	−1.7	723.7	723.3	723.2	94	55	98	E o	N o	SE o	1	6	3	8.1	⊼2 ●2 7½–8p
19	14.8	21.6	16.8	17.7	0.5	723.1	722.5	722.1	99	57	98	E o	N o–1	SW o	3	10	10●	5.2	●2 9½p–n, n ⊀
20	16.7	19.0	15.3	17.0	−0.1	721.2	722.2	722.9	96	72	100	E o	E o	SW o	10●	10	10●	19.7	● I, III–n
21	13.8	18.6	15.0	15.8	−1.2	725.0	725.2	726.6	95	54	89	N o	NW 1	NW o	10●	5	10●	1.4	● I, III
22	13.2	20.4	13.9	15.8	−1.1	727.6	727.3	726.2	94	50	86	E o	NW 2	SE o–1	1	3	o	.	≡° I
23	11.8	22.0	15.6	16.5	−0.3	725.1	724.2	724.1	92	50	92	E o	W o	SE o–1	o	o	o	.	
24	14.7	23.8	15.8	18.1	1.3	724.4	722.9	725.8	88	45	99	E o–1	NE o	NW o	1	2	9	9.4	
25	16.6	20.6	16.2	17.8	1.1	727.8	727.6	728.2	100	65	99	E o	NWo–1	NW o	10	5	o	.	⊼ ● 3¼a
26	16.6	19.2	15.8	17.2	0.6	**729.2**	728.1	727.0	80	71	99	NE o	NWo–1	SE o	9	1	o	.	≡° I
27	15.2	20.4	16.2	17.3	0.8	726.5	726.1	725.1	100	70	87	E o	N o	SE o	10≡	5	2	.	≡ I
28	15.4	22.2	17.6	18.4	2.0	723.9	722.3	722.0	97	58	86	E o	N o–1	SE o–1	2	2	o	.	
29	15.0	23.2	18.8	19.0	2.7	720.9	719.3	719.7	95	52	94	SE o	N o–1	SE 1	3	5	10●	11.6	⊼ 8½–9¾p, ● III–n
30	16.8	21.6	15.2	17.9	1.7	719.8	718.6	721.7	100	60	100	S o–1	NE o	NWo–1	10●	5	10●	10.8	● I, p
31	16.0	22.2	16.6	18.3	2.2	722.9	722.5	725.0	87	55	96	E o	NW 1	NW o	6	5	10	2.3	p ●
Mittel	13.9	19.6	14.8	16.1	—	723.2	722.9	723.3	94	58	93				5.9	5.6	5.4	Summe 166.3	

August 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02\,^{m}/_{m}$.

1	16.3	21.4	17.8	18.0	−0.8	725.5	725.8	727.5	84	45	67	NNE 1	NNE 2	SW o	2	2	o	.	⊿ I, ↙ II
2	14.1	22.0	17.7	17.3	−1.4	728.5	727.9	727.1	78	50	67	S o	NW 1	SSW 1	o	2	o	.	⊿° I
3	15.0	21.2	18.7	17.3	−1.4	727.1	726.2	725.9	78	60	75	SSW o	NNE 1	NW o	5	2	1	.	⊿ I
4	15.9	25.5	19.5	19.7	1.0	725.9	725.2	724.9	81	44	61	S o	SSW 1	NNE o	o	2	o	.	⊿ I [5½p, ⊀ 10¼p
5	16.1	**28.1**	19.0	19.3	0.7	725.3	724.0	722.9	74	39	83	S o	SSW 1	SSW 1	4	2	5	0.5	⊿° I, ⊼ 4¼, 4¾p, ●° 4½–
6	17.5	18.2	15.0	17.2	−1.4	722.6	723.3	724.5	82	74	96	NW 1	W 1	SE 1	5	8	10●	6.5	◠ I, a ●°, ● 2–5, 8¼–9½p
7	15.5	18.5	15.2	16.1	−2.5	725.7	725.4	726.3	80	51	61	E 1	N 1	NE 1	3	2	o	.	
8	11.4	18.6	14.9	14.8	−3.7	726.4	725.6	724.7	86	45	63	SSE o	NNE 1	SSE 1	2	2	7	.	⊿ I, ▽ 10½p
9	13.3	17.3	12.3	13.7	−4.8	724.3	724.8	727.2	80	61	85	SSW 1	SSW 2	NW o	9●	5	1	8.3	●° 7½–10½a, 2½–4½p,
10	14.3	19.3	14.1	15.4	−3.0	727.7	728.2	728.9	76	53	55	SSW 1	SSW 1	S o	3	2	9	.	[↙ II, n ●
11	11.5	20.2	16.5	15.5	−2.9	729.9	729.0	728.1	83	58	78	SSE o	N o	NNE 1	3	7	7	3.6	⊿° I, n ●
12	14.0	16.3	15.7	15.5	−2.8	728.4	728.3	727.9	97	92	92	NE o	NNE o	N 1	10●	10●	4	6.9	● 7½a–3½p
13	15.9	19.9	15.0	16.7	−1.5	728.8	729.0	729.3	90	56	69	W o	NE 1	ENE 1	2	8	6	.	⊿ I
14	11.2	15.6	13.4	12.9	−5.3	728.5	727.7	728.2	88	66	91	SE o	SW 1	E o	10	10	10	0.8	●° 7¼–7½p
15	11.4	18.4	15.2	14.6	−3.5	727.4	726.5	726.4	98	55	60	SSE o	NNE 1	NE 1	10≡	3	o	.	a ≡
16	**10.8**	19.1	15.0	14.1	−3.9	726.7	726.4	727.0	90	56	70	SSW o	N 1	ENE 1	o	2	o	.	⊿° I
17	11.4	19.2	15.1	14.5	−3.5	728.0	727.6	727.4	82	59	73	SSE o	NNE 1	SSW o	o	2	o	.	⊿° I
18	13.1	18.5	18.2	15.9	−2.0	728.1	727.1	727.3	87	61	78	SSE o	NNE 1	NNE o	9	2	5	.	
19	16.7	22.5	17.8	17.9	0.1	727.1	727.0	726.1	86	68	92	SSE o	SW o	NNE 1	5	9	8	**14.0**	● 13¼p, n, ⊼ 8½, 10p
20	15.3	20.9	16.5	17.0	−0.7	726.1	726.4	727.8	96	74	95	SSW 1	SW o	SSW o	10●	4●	4	4.9	● 7½a–7½p
21	15.5	21.2	16.4	17.4	−0.2	729.2	729.4	730.5	81	48	67	NNE 1	N 2	NNE 1	2	3	o	.	⊿2 I, ↙ II
22	12.8	20.2	16.5	15.8	−1.8	732.0	730.9	729.7	89	62	81	SW o	N 1	SW o	3	2	o	.	
23	12.5	26.2	20.3	18.7	1.2	729.5	727.7	727.8	90	45	69	WSWo	SW 2	SSW o	o	o	o	.	⊿ I, ↙ II, ▽ 10½p
24	16.8	26.0	20.5	20.4	3.0	728.5	728.9	729.6	72	53	76	E o	SE 1	ESE o	3	4	8	0.5	⊿° I, ⊀ 9¾p, ⊼ 10¾4p, n
25	17.7	21.9	20.4	19.7	2.4	731.6	731.4	731.4	93	65	73	E o	N 1	NNE o	4	2	o	.	[●
26	16.1	20.8	19.5	18.7	1.5	**732.4**	731.8	731.1	84	67	82	SSW o	N 1	SW o	2	2	o	.	⊿° I
27	17.5	22.0	20.0	19.3	2.2	730.4	729.4	728.6	83	64	83	NNW 1	N 1	N o	2	6	o	.	⊿ I
28	16.9	23.4	20.4	19.8	2.8	728.2	726.5	725.8	91	60	81	SSW o	NNE 1	SSE 1	2	3	9	.	⊿ I [▲ 6¾, 11½p
29	17.7	24.7	21.2	20.3	3.4	724.8	723.5	722.5	89	61	88	S o	NNE 1	S o	8	6	9	5.5	⊿° I, ⊼ 6¾, 9¾, 11½p, ●
30	18.4	20.4	19.4	20.6	3.8	**722.1**	722.4	725.1	93	**31**	68	NNW 1	SW 2	SW 1	8●	3	10	.	● 7½a, ↙ II, ⊀ 8¼.
31	16.7	25.2	18.1	19.7	3.0	727.4	727.2	728.0	80	42	72	S o	WSW 1	SSW o	3	2	1	.	⊿° I [10¼p
Mittel	14.8	21.3	17.3	17.2	—	727.5	727.1	727.3	85	57	76				4.2	3.8	3.7	Summe 51.5	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35}p.

$\lambda = 8^\circ 33'$, $\beta = 47^\circ 23'$,
$Hb = 493.2^m$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

August 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	13.4	21.6	14.2	16.4	−1.7	719.5	719.6	721.1	72	39	72	NE 1	NE 2	NE 1	0	1	1	.	p ↙, ◁ $9^1/_2$–10p
2	12.5	24.4	15.4	17.4	−0.7	721.5	721.1	720.5	79	**37**	68	NE 0	NE 1	NE 1	0	1	0	.	
3	13.6	25.1	16.4	18.4	0.3	720.0	719.1	718.8	85	46	78	NE 1	E 1	E 1	1	2	0	.	
4	15.0	27.0	16.4	19.5	1.5	718.7	718.0	717.2	86	42	82	E 0	NE 1	N 0	0	1	0	.	[10–$10^1/_4$p
5	16.6	22.8	17.2	18.9	0.9	717.4	716.5	715.9	82	54	82	E 0	W 2	SW 1	0	4	2	5.1	↙, ●° $1^1/_4$–$3^1/_2$p, ◁ III, ●
6	14.8	15.4	13.4	14.5	−3.5	715.7	**715.0**	717.2	95	84	98	E 1	W 1	NW 1	9●	9	10●	9.7	● $2^1/_4$–$7^3/_4$a, $0^1/_2$–$1^1/_4$, *)
7	11.8	17.2	12.4	13.8	−4.1	718.1	718.6	719.3	85	61	95	NW 1	SW 1	NE 0	8	8	10	0.6	●° $4^3/_4$–5a, 7, $8^1/_2$, $10^1/_2$p
8	10.5	18.4	13.3	14.1	−3.8	718.8	718.2	717.2	78	43	73	N 1	NW 1	NW 0	8	6	6	0.1	n (8/9) ●° [$4^1/_4$, 7–8p
9	11.8	12.2	11.9	12.0	−5.8	716.3	716.7	718.2	80	97	86	NW 0	SW 0	W 1	10	10●	10	14.8	●° $8^1/_4$a, ● $9^3/_4$–$10^1/_4$a, o–
10	10.6	10.8	11.4	10.9	−6.9	719.5	720.4	721.9	96	82	98	SW 0	SE 1	SE 1	10●	9●	4	**28.9**	●° $0^3/_4$–$1^1/_2$a, $6^1/_4$p, ● *)
11	10.1	21.7	14.8	15.5	−2.2	722.2	721.3	721.1	100	42	81	E 0	NW 1	NE 0	4≡	5	10	3.5	≡2 n–$7^3/_4$a [$1^1/_2$p, p ↙
12	13.8	17.6	14.8	15.4	−2.2	720.2	720.1	720.9	99	73	97	NE 0	W 1	SW 0	10●	10	10	17.6	● $3^1/_4$–$9^1/_4$a, 7p–$2^1/_4$a, ●° 1–
13	14.2	19.4	13.5	15.7	−1.9	721.3	721.3	722.0	94	56	72	N 1	W 2	NE 1	10	8	10	0.3	● $5^1/_4$–$5^3/_4$a, p ↙, ●° 8p
14	11.7	11.8	12.0	11.8	−5.7	720.4	719.6	719.8	94	91	95	NW 0	W 1	W 0	10●	10●	10	10.0	● $7^1/_4$a–$8^1/_2$p
15	12.4	16.5	12.0	13.6	−3.8	719.7	719.1	719.8	94	53	89	W 0	N 1	SE 1	9	9	8	0.7	● $0^3/_4$–$2^3/_4$a, $1^3/_4$–2p, ▲°
16	11.0	20.5	12.0	14.5	−2.9	719.6	719.6	720.3	85	43	86	NE 0	NW 1	NE 0	6	4	7	0.1	[$1^3/_4$p, ◁ III
17	**9.0**	21.2	13.2	14.5	−2.8	720.7	720.6	720.9	98	41	80	NE 0	NW 1	NE 0	1	1	0	.	
18	11.4	19.8	16.2	15.8	−1.4	721.0	720.2	720.1	95	60	95	NE 1	E 0	E 1	2	8	9	0.8	●° $7^3/_4$p, ◁ ● 9p
19	14.4	22.4	17.0	17.9	0.8	720.4	719.6	719.2	96	61	95	NE 0	NW 1	E 1	2	9	10●	7.2	● $1^3/_4$–4, $6^3/_4$–$9^1/_2$p, ◁ $2^3/_4$p
20	15.4	18.6	15.2	16.4	−0.7	718.5	718.8	719.9	94	72	99	W 0	W 1	NW 1	9	9	10	19.8	● 1–$1^1/_4$, $4^3/_4$–$6^1/_2$a, 4– *)
21	13.8	19.1	14.6	15.8	−1.2	722.2	722.6	723.6	96	56	77	NW 1	W 1	N 0	9	8	9	0.1	●° 1–$1^1/_4$, $3^1/_4$–$3^1/_2$a, $0^3/_4$p
22	11.6	22.1	13.8	15.8	−1.1	724.8	724.2	722.8	95	**37**	89	NE 0	N 1	NE 0	0	1	0	.	
23	11.4	25.6	17.4	18.1	1.3	721.8	721.1	720.7	96	42	79	NE 0	SW 1	E 1	0	0	0	.	p ↙
24	15.8	**27.1**	16.6	19.8	3.0	722.4	720.7	722.4	85	40	97	E 1	NW 0	S 0	2	3	2	0.6	●° $3^1/_2$–$4^1/_2$p, ◁ III
25	16.4	22.2	16.0	18.2	1.5	724.7	724.9	725.1	90	50	78	NE 1	N 1	NE 0	10	3	0	.	
26	12.4	23.9	17.5	17.9	1.3	**725.9**	725.2	724.6	82	51	60	NW 0	E 1	NE 1	1	2	1	.	
27	13.2	22.4	16.4	17.3	0.8	723.9	722.8	722.1	80	59	81	W 0	N 1	NE 0	3	7	0	.	
28	12.8	24.7	16.7	18.1	1.7	721.4	720.0	719.0	85	53	80	NE 0	E 1	NE 1	1	0	2	.	
29	15.0	26.8	20.2	20.7	4.4	718.3	716.8	716.9	91	51	78	E 0	NW 0	NE 0	4	5	5	2.5	●° $6^1/_4$, 9p, ◁ $8^1/_2$p–n
30	17.0	22.0	15.1	18.0	1.8	716.6	715.9	718.6	96	56	96	SE 0	NE 1	NW 1	9	5	10	11.0	◁ 0a, ●–$10^1/_2$a, $3^1/_2$–4, $6^1/_4$–
31	15.2	23.8	16.0	18.3	2.2	719.7	719.9	720.9	95	44	90	SE 0	SW 1	NE 0	8	2	4	0.1	● $2^1/_4$–3^a [8, 11–$11^1/_4$p
																		Summe	
Mittel	13.2	20.8	14.9	16.3	—	720.4	719.9	720.3	90	55	85				5.0	5.2	5.2	133.5	

[*) **6.** $3^3/_4$p–2a, ↙ II *) **10.** $5^1/_4$–9a, ◁° ●2 $0^1/_4$–$1^1/_2$, $3^1/_4$–$3^3/_4$p *) **20.** $8^1/_4$p, ●2 10p–$0^1/_4$a

$\lambda = 8^\circ 30'$, $\beta = 47^\circ 3'$,
$Hb = 1787.3^m$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

August 1913.
Beobachter: Frl. *H. Bütikofer.*

1	9.0	8.8	10.4	9.4	−0.6	616.0	616.9	618.3	72	95	70	NE 3	N 2	S 2	0	10	0	.	↙ I
2	9.8	10.2	10.4	10.1	0.1	618.1	618.9	618.6	62	75	70	SE 2	N 2	E 2	0	7	0	.	
3	9.4	13.4	11.4	11.4	1.4	617.1	617.4	617.2	70	66	85	NE 2	E 2	S 2	0	8	0	.	
4	11.0	12.8	11.8	11.9	1.9	616.8	616.8	616.8	82	87	52	W 2	W 2	W 2	7	8	3	.	
5	10.4	14.0	11.8	12.1	2.2	616.1	615.9	615.4	63	64	72	W 3	S 2	W 2	0	7	8	4.7	↙ I, n ●
6	8.4	6.2	5.2	6.6	−3.3	613.4	**612.2**	614.1	90	100	100	W 4	W 4	W 3	10≡	10≡	10	26.6	●2 ↙ ≡, ↙ III
7	3.6	5.2	4.8	4.5	−5.4	614.2	614.9	615.5	100	70	100	W 2	W 1	W 2	10≡	10	10≡	2.5	≡ I, III, a ●
8	6.8	6.0	4.6	5.8	−4.1	614.6	614.8	614.6	74	85	100	NE 1	W 1	W 1	10≡	7	10	0.3	≡ I, n ●°
9	5.8	**3.0**	**3.0**	3.9	−5.9	612.8	612.8	614.2	82	100	100	W 2	W 3	W 4	10	10≡	10	9.5	●, ≡ II, p ↙, ↙ III–n
10	**3.0**	4.4	4.2	3.9	−5.9	614.5	616.0	617.1	100	72	96	W 4	W 3	W 3	10	10●	8	16.5	↙ ≡° I, ● n–p, ✳ △ 0p, ↙
11	5.3	8.0	7.2	6.8	−2.9	618.2	618.3	618.6	60	90	84	W 3	SW 1	W 0	7	8	7	3.5	↙ I, n ●
12	7.2	8.0	6.0	7.1	−2.6	617.4	617.4	618.0	98	100	100	W 3	N 1	W 1	10●	10●≡	10	19.4	↙ I, ● n–p, ≡ II
13	6.0	5.4	3.6	5.0	−4.6	617.7	617.7	618.0	100	100	100	NE 2	N 2	W 2	10≡	10≡	10●	13.2	≡ n–II, p n ●
14	3.2	3.2	4.8	3.7	−5.9	616.2	615.6	615.1	100	100	100	W 3	W 1	W 4	10●	10●	10●	31.4	↙ I, ●2, ↙ III
15	4.0	5.6	3.8	4.5	−5.0	615.5	615.5	616.1	100	88	100	SE 2	W 1	W 3	10≡	10≡	10≡	6.5	≡ ●, ↙ III
16	4.8	5.4	4.2	4.8	−4.7	615.4	616.3	616.2	58	62	94	SE 0	NE 1	SW 1	7	8	0	.	
17	5.0	9.4	7.6	7.3	−2.1	616.5	617.7	618.5	75	76	76	W 1	SW 1	W 0	0	7	0	.	
18	11.2	12.4	11.4	11.7	2.3	618.1	618.4	618.8	32	66	65	W 2	W 1	W 2	0	7	8	0.2	
19	11.2	13.0	11.4	11.9	2.6	618.5	618.4	617.9	70	86	64	W 1	W 1	W 2	7	10●	8	7.5	p ●
20	9.0	10.0	7.4	8.8	−0.4	617.3	616.7	617.3	75	100	100	W 3	W 2	W 2	10	10≡	10●	**83.0**	↙ I, ≡ II, p n ●2
21	5.4	7.0	6.2	6.2	−3.0	618.3	619.3	620.3	100	92	100	W 2	W 2	SE 2	10≡	10≡	10≡	.	≡
22	7.2	11.0	9.2	9.1	0.0	620.7	621.2	621.0	92	72	57	SE 2	S 1	SE 1	10	8	0	.	≡° I
23	12.2	14.2	12.4	13.0	4.0	619.0	619.8	620.2	32	52	80	W 3	W 1	W 2	0	0	0	.	↙ I
24	14.0	14.2	11.2	13.1	4.2	620.0	620.2	621.2	38	72	92	SW 0	W 0	W 3	0	8	8	29.4	↙ III, n ◁2 ●2
25	8.8	11.6	9.4	9.9	1.0	621.3	622.1	622.7	100	95	100	W 2	W 2	W 2	10≡	10≡	0	.	≡ n–II
26	11.4	14.2	12.2	12.8	4.0	622.6	**623.0**	622.7	72	60	85	W 1	W 1	W 1	0	8	0	.	
27	14.4	16.4	14.2	15.0	6.3	622.7	621.6	621.1	40	32	**30**	W 2	W 2	W 1	7	8	0	.	
28	14.0	16.2	14.2	14.8	6.2	619.9	619.8	620.1	60	42	32	W 2	W 1	W 2	0	8	0	.	
29	15.0	**18.2**	14.8	16.0	7.5	617.7	617.5	616.8	54	44	62	W 2	S 2	W 4	7	8	10	*5.0	◁° ● ↙ III–n
30	8.8	15.4	9.4	11.2	2.7	614.7	614.8	616.7	100	60	85	SE 3	SE 2	W 2	10≡	10	10	20.0	≡ ↙ I, ●
31	8.4	13.2	12.5	11.4	3.0	616.9	618.1	618.9	100	62	87	SW 1	W 2	W 2	10	10	10	0.3	≡° II, p ●°
																		Summe	
Mittel	8.5	10.2	8.7	9.1	—	617.4	617.6	618.0	76	76	82				6.2	8.5	5.8	279.5	

August 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712{,}6^{m}$, $G = -0.12\,^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	5.8	18.0	9.6	11.1	−0.8	621.2	620.2	622.9	89	28	65	W 1	N 3	— 0	1	1	0	.	⛈ II
2	6.0	17.8	10.4	11.4	−0.4	623.3	621.9	623.1	90	34	55	E 1	W 3	NE 1	0	2	0	.	⌊⌊ I, ⛈ II, ◺ III
3	7.0	19.0	11.4	12.5	0.8	622.9	621.4	622.1	85	35	61	E 1	NE 2	NE 1	2	3	1	.	⌊⌊ I, ● 6p
4	6.2	19.4	10.4	12.0	0.3	622.0	620.9	621.5	90	35	68	E 0	W 2	W 1	0	2	2	.	
5	8.0	18.4	10.0	12.1	0.5	621.3	620.1	621.1	89	27	86	E 1	SW 1	— 0	1	3	5	10.0	● 7p, n
6	8.6	10.0	7.0	8.5	−3.0	619.3	618.6	619.3	94	85	95	W 0	W 1	W 1	10●	10●	10	**17.0**	● I, 7p, ◹ ● $0^{1}/_{2}$–$2^{1}/_{4}$p
7	7.5	12.2	7.2	9.0	−2.5	618.5	618.4	619.9	95	53	64	N 1	SW 3	NE 1	8	5	8	0.1	⛈ II
8	2.3	12.5	7.2	7.3	−4.1	619.5	618.9	619.3	87	40	84	N 1	SW 2	W 1	2	7	8	7.4	⌊⌊ I
9	4.6	4.4	3.4	4.1	−7.2	**617.8**	618.7	619.7	90	95	94	SW 0	N 2	W 1	10●	10	5	13.0	● 3–$9^{1}/_{4}$a, ✳ −11a, ● 5– ⊠
10	4.1	9.2	4.2	5.8	−5.5	620.4	620.9	623.2	91	50	84	S 0	NW 3	W 1	9	10	2	0.2	⛈ II [6p
11	3.9	13.4	8.1	8.5	−2.7	623.5	623.3	624.3	94	60	79	SW 0	S 2	W 1	3	5	8	0.2	⌊⌊ I
12	8.0	11.3	8.4	9.2	−1.9	623.6	623.1	622.7	92	75	95	SE 0	W 1	W 1	10●	10●	10●	8.0	●, n ●
13	8.2	12.6	7.6	9.5	−1.5	622.0	621.5	621.7	95	57	66	W 1	SW 3	NW 4	10	10	10	0.5	☰° I, p ⛈, n ●°
14	3.6	9.4	5.6	6.2	−4.7	620.8	619.6	620.0	84	58	81	NW 0	W 3	N 1	10	10	10	1.4	⛈ II, ● III
15	5.4	9.3	4.8	6.5	−4.2	619.1	619.3	620.4	85	50	74	N 1	W 1	W 1	10●	10	4	0.6	●° I
16	5.6	9.8	7.2	7.5	−3.3	620.2	620.6	621.9	73	45	61	N 1	W 3	N 2	8	8	9	.	⛈ II
17	**2.2**	15.4	4.8	7.5	−3.2	621.8	622.0	624.0	89	**26**	65	SW 0	W 2	W 1	0	0	0	.	⌊⌊ I
18	3.2	17.0	10.2	10.1	−0.5	624.4	623.5	624.9	87	47	89	S 1	S 2	W 1	1	4	3	.	⌊⌊ I
19	7.2	16.0	12.6	11.9	1.4	624.9	623.8	623.4	97	59	80	W 0	SW 1	SW 1	7	8	7	.	●° $2^{1}/_{2}$p
20	7.6	13.8	8.4	9.9	−0.5	621.7	621.1	621.9	95	62	94	N 0	N 1	W 1	10	10	10	6.0	●, n ●
21	8.4	11.4	7.2	9.0	−1.3	622.2	622.8	624.8	94	60	71	N 2	W 4	W 1	10	6	5	0.6	⛈ II, n ●°
22	6.6	14.8	6.8	9.4	−0.8	625.6	625.3	626.3	90	40	70	N 1	NW 1	W 1	2	2	0	.	
23	3.6	17.8	9.1	10.2	0.1	626.5	624.9	625.5	90	47	85	W 1	SW 2	W 1	0	1	0	.	⌊⌊ ☰° I
24	4.6	19.6	11.6	11.9	1.9	625.8	624.8	625.9	95	34	76	W 0	S 2	— 0	9≡	3	4	0 5	☰ I, ◺ III
25	8.4	17.2	9.0	11.5	1.6	626.6	626.6	627.7	91	41	74	S 0	SW 3	W 1	8	6	0	.	●° n–I, ⛈ II
26	3.8	18.2	8.4	10.1	0.3	**628.2**	627.4	627.9	90	**26**	71	SW 0	W 2	W 1	0	4	0	.	⌊⌊ I
27	3.6	20.6	11.2	11.8	2.1	627.3	625.8	625.8	91	28	72	NE 0	W 2	W 1	0	3	0	.	
28	6.8	20.5	10.9	12.7	3.1	625.3	623.7	624.1	94	41	87	S 0	SW 2	W 1	0	6	0	.	
29	6.2	**20.8**	13.1	13.4	3.9	623.5	621.6	622.8	96	40	86	W 0	S 2	W 2	4	5	0	3.7	n ($^{29}/_{30}$) ●
30	10.6	17.1	8.2	12.0	2.6	621.0	620.6	622.9	97	54	91	N 0	S 2	W 1	10●	7	10●	16.3	●, p ◹°
31	7.6	17.5	9.8	11.6	2.3	622.8	622.7	624.1	95	47	81	W 0	S 3	W 1	9	3	2	.	⛈ II
																		Summe	
Mittel	6.0	15.0	8.5	9.8	—	622.7	622.1	623.1	91	48	77				5.3	5.6	4.3	85.5	

August 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^{m}$, $G = 0.00\,^{m}/_{m}$

1	16.2	23.0	18.0	19.1	−0.3	714.1	712.2	714.9	82	41	60	SE 0	NW 1-2	SW 0	7	2	0	.	
2	15.0	23.0	17.8	18.6	−0.8	716.1	714.5	713.5	75	53	62	NE 0	SW 1-2	S 0	0	1	0	.	
3	16.0	23.7	19.8	19.8	0.5	715.0	713.0	713.4	71	50	60	E 0	WSW 1-2	W 0	0	1	0	.	
4	15.8	24.8	18.6	19.7	0.4	714.6	712.4	712.7	79	49	52	E 0	S 1-2	WNW 0	0	1	0	.	
5	16.1	25.2	21.5	20.9	1.7	714.2	711.9	711.1	61	45	41	E 0	S 0	W 0-1	0	2	10	2.7	n ($^{5}/_{6}$) ●
6	16.2	20.0	14.1	16.8	−2.3	711.4	710.1	712.2	88	66	95	E 0	SE 0	SW 0	8	10	9	3.3	●, n ●
7	13.8	19.7	15.1	16.2	−2.8	713.1	711.8	713.0	96	47	55	SW 0-1	SW 1-2	W 0	9	2	3	0.1	
8	**11.2**	19.8	15.4	15.5	−3.5	713.9	711.9	711.9	86	44	47	E 0	SW 0-1	SW 0	5	3	6	0.3	
9	12.6	16.8	13.3	14.2	−4.7	712.1	711.6	713.9	87	52	68	E 0	W 1-2	NW 0	4	7	8	0.1	●° 6a, 1, 6p
10	12.6	20.2	13.4	15.4	−3.4	710.5	**709.1**	716.2	76	41	70	SW 0	SW 1-2	NE 0-1	7	3	0	.	
11	12.0	21.8	17.7	17.2	−1.5	717.8	715.9	715.9	75	43	49	NE 0	NW 0	SW 0-1	0	3	7	1.2	
12	13.7	15.4	15.0	14.7	−3.9	717.3	716.0	716.2	100	100	100	SW 0	SW 0	S 0	10●	10●	8	5.0	● $6^{1}/_{2}$a–II
13	15.0	17.9	14.2	15.7	−2.9	716.4	714.9	715.8	93	56	80	S 0	W 0-1	SW 0	9	8	9	.	☰° I
14	13.0	16.7	12.7	14.1	−4.4	715.5	714.2	714.9	72	55	92	S 0	SW 1-2	SW 0-1	7	9	8	0.4	●° 1p, III
15	14.8	21.4	14.9	17.0	−1.4	714.7	714.1	715.0	74	**37**	55	W 0	SW 0-1	E 1-2	4	2	0	.	
16	11.7	20.6	14.5	15.6	−2.7	714.7	713.0	714.5	75	45	61	S 0	SW 0-1	NE 0-1	0	1	0	.	
17	11.8	21.2	15.0	16.0	−2.2	716.1	714.8	716.0	73	47	53	E 0	SW 1-2	NE 0	0	0	0	.	
18	14.3	22.7	18.7	18.6	0.5	717.0	714.6	715.8	71	50	76	S 0	SSW 0	NE 0	3	8	7	3.0	●° ◺ 8p, n ●
19	16.2	22.0	17.9	18.7	0.7	717.0	715.5	714.9	92	62	87	E 0	SW 0	W 0	6	10	9	**9.7**	
20	14.2	19.0	16.4	16.5	−1.4	715.4	715.0	715.3	100	74	95	SW 0	SW 1-2	SW 0	10●	10	10	1.1	◹ 3a, ● n–I
21	15.9	22.0	16.1	18.0	0.2	716.6	717.9	718.4	84	45	63	SW 1	SW 0	SW 0	7	5	0	.	
22	12.2	21.1	16.9	16.7	−1.0	720.7	718.7	718.4	82	46	66	E 0	S 0-1	SW 0	0	1	0	.	
23	13.5	23.7	18.7	18.6	1.0	718.6	715.8	716.5	77	44	44	E 0	SW 0-1	NE 0	0	0	0	.	
24	15.9	21.8	19.0	18.9	1.4	717.6	717.0	717.9	59	55	66	E 0	SW 0	E 0	5	6	4	0.1	●° 1p, ◺ III
25	16.7	24.9	19.3	20.3	2.9	719.8	718.9	720.2	91	50	70	SW 0	W 1-2	E 0	4	4	0	.	
26	15.6	24.4	19.0	19.7	2.4	**721.4**	719.1	719.3	81	54	77	E 0	SW 0-1	W 0	0	3	0	.	
27	15.8	25.5	20.4	20.6	3.4	719.3	716.6	717.4	85	50	65	SE 0	SW 0-1	S 0	1	3	0	.	◺ III
28	16.7	26.6	21.3	21.5	4.4	717.2	714.0	713.3	80	45	64	E 0	SW 0	SE 0	0	2	0	.	
29	18.0	**27.4**	19.5	21.6	4.6	714.3	711.6	713.5	71	43	85	NE 0	SW 0-1	NE 0	3	3	10	5.5	◹ 2 ● III
30	17.4	25.0	17.4	19.9	3.0	711.6	710.6	713.6	90	45	66	NE 0	SW 0	E 0	7	4	3	1.1	● I, p, ◺ III
31	15.0	22.6	17.9	18.5	1.8	716.1	714.8	715.5	91	54	65	E 0	SW 1	NE 0-1	8	1	0	.	
																		Summe	
Mittel	14.7	21.9	17.1	17.9	—	715.8	714.2	715.2	81	51	67				4.0	4.0	3.6	33.6	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

August 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	18.8	26.0	19.4	21.4	0.1	736.0	734.9	736.5	84	67	83	N 0	S 0	N 0	6	0	0	.	
2	17.0	27.4	20.2	21.5	0.2	737.8	736.3	735.6	82	67	90	N 0	S 0	N 0	0	0	6	.	◺^{2} 9^{p}
3	18.4	28.0	20.4	22.3	1.1	737.5	735.8	733.0	89	68	80	N 0	S 0	N 0	0	0	0	.	●° ◺^{z} 2^{a}
4	20.8	**28.4**	21.6	23.6	2.4	735.6	734.7	735.3	83	70	81	N 0	S 0	N 0	0	0	1	.	
5	18.6	26.6	19.4	21.5	0.4	735.4	734.6	734.2	88	65	88	N 0	SE 0	NW 0	8	6	4	**69.9**	● 2$^{1}/_{2}$–3$^{1}/_{4}$p, ◹ ●^{2} 10$^{1}/_{2}$p–n
6	16.0	17.0	15.8	16.3	−4.8	733.8	733.4	732.1	95	97	99	NW 0	N 0	N 0	10●	10●	2	16.0	◹ ●^{2} n–7$^{1}/_{2}$a, ● 10$^{1}/_{4}$a–p,
7	**12.4**	25.8	19.6	19.3	−1.7	732.6	**731.8**	733.1	92	67	65	N 0	S 0	NNE 0	0	1	8	.	◺ 8$^{1}/_{4}$p [◹ 1–1$^{1}/_{2}$p
8	14.6	22.4	16.0	17.7	−3.3	735.8	736.0	735.9	85	65	81	NNW 0	SSW 0	N 0	8	7	9	15.4	
9	12.8	19.6	13.2	15.2	−5.7	734.6	734.1	735.3	97	70	90	NNE 0	NNE 1	NNW 0	10●	6	8	0.4	● 3–7$^{1}/_{2}$a, ●° 2$^{3}/_{4}$p–p
10	13.8	23.8	16.6	18.1	−2.8	736.7	736.7	737.8	80	78	86	N 0	S 0	N 0	1	0	0	1.6	
11	15.0	19.4	17.4	17.3	−3.5	740.7	740.7	741.0	93	82	86	NNW 0	SE 0	NW 0	10	10	10	2.0	● n–1, n
12	15.8	18.2	16.2	16.7	−4.1	739.8	739.3	738.3	97	95	99	N 0	W 0	NW 0	10●	10●	10	4.8	●
13	14.6	25.0	20.6	20.1	−0.6	736.5	734.9	735.3	93	72	39	N 0	S 0	NE 1	6	4	4	.	
14	14.2	25.2	19.4	19.6	−1.0	735.2	732.7	733.9	80	70	40	N 0	SE 0	NNE 0	0	4	0	.	
15	14.2	25.8	20.8	20.3	−0.3	733.7	732.7	732.6	69	39	59	N 0	NNE 1	NNE 2	0	0	0	.	◟ 5$^{1}/_{2}$–10$^{1}/_{2}$p
16	14.2	24.0	15.6	17.9	−2.6	735.6	735.2	736.3	65	70	70	N 0	SE 0	N 0	0	0	0	.	
17	13.0	24.2	17.2	18.1	−2.3	737.4	737.3	738.9	70	57	80	N 0	S 0	N 0	0	0	0	.	
18	15.6	22.4	18.8	18.9	−1.5	740.2	740.3	740.4	88	76	87	N 0	W 0	NW 0	2	10	6	.	
19	18.2	24.2	19.8	20.7	0.4	740.1	739.1	738.2	91	78	85	W 0	S 0	NW 0	10	8	9	50.2	[10$^{1}/_{2}$a
20	17.0	23.2	17.0	19.1	−1.1	736.2	735.9	735.6	98	85	94	N 0	S 0	NW 0	10●	6	0	2.2	◹ ●^{2} 2$^{1}/_{2}$–5$^{1}/_{2}$a, ● 7$^{1}/_{2}$–
21	15.6	26.4	20.6	20.9	0.8	735.2	735.5	738.8	93	37	**36**	W 0	NNE 2	NNE 0	4	0	0	.	◟ 10$^{1}/_{2}$a–8$^{1}/_{2}$p
22	14.6	25.4	18.0	19.3	−0.7	740.4	740.1	741.0	83	65	82	NNE 0	S 0	N 0	0	0	0	.	
23	18.6	25.6	18.2	20.8	0.8	742.5	741.1	740.5	89	63	84	NW 0	SSE 0	N 0	10	3	0	.	
24	16.2	26.8	19.8	20.9	1.0	740.7	739.5	740.4	80	69	84	N 0	SE 0	N 0	0	0	0	.	
25	18.2	27.2	19.8	21.7	1.9	740.6	740.0	740.7	84	69	80	N 0	SE 0	N 0	0	0	0	.	
26	18.4	27.4	20.6	22.1	2.4	**742.6**	741.5	741.3	81	72	90	N 0	S 0	N 0	0	0	0	.	
27	19.0	26.2	22.0	22.4	2.8	741.1	740.1	740.3	91	77	84	N 0	S 0	NW 0	4	6	10	.	
28	20.2	25.8	20.8	22.3	2.8	740.0	738.9	738.3	90	65	88	N 0	S 0	NW 0	10	0	10	.	
29	20.0	26.0	20.0	22.0	2.6	738.4	737.1	737.1	87	70	90	N 0	SW 0	NNW 0	10	6	10	3.6	n ($^{29}/_{30}$) ●
30	18.8	27.8	16.2	20.9	1.6	735.7	735.4	735.3	98	70	97	N 0	S 0	N 0	10	6	10	31.0	◹ 4–5p, ●^{2} 4–8p
31	15.6	26.2	18.4	20.1	0.9	738.1	738.1	738.7	90	74	94	N 0	S 0	N 0	0	1	0	.	
																		Summe	
Mittel	16.5	24.7	18.7	20.0	—	737.6	736.9	737.2	87	70	80				4.5	3.3	3.8	197.1	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

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Bernoullianum.

1	14.6	22.3	18.6	18.5	−0.4	737.9	737.5	739.3	86	44	57	SE 0	N 1	E 0	0	2	0	.	
2	13.5	23.1	18.0	18.2	−0.7	740.1	739.2	739.0	75	43	75	SE 1	N 1	NW 1	0	1	2	.	
3	12.0	20.9	19.4	17.4	−1.4	738.9	737.5	736.6	92	64	85	W 1	N 1	E 0	10≡	0	0	.	≡ 7–8^{a}
4	15.6	24.9	19.8	20.1	1.3	736.6	735.5	734.8	83	51	72	E 1	SE 1	S 0	0	1	2	.	
5	16.8	**25.9**	18.4	20.4	1.7	734.9	734.1	733.4	80	**41**	77	E 1	NW 2	SW 0	0	2	6	11.2	◺ 9–9$^{1}/_{2}$p, ◹ ● 11$^{3}/_{4}$p–n
6	16.1	15.9	14.0	15.3	−3.4	**733.0**	733.1	735.2	94	95	97	SE 1	S 1	S 0	5	10●	10	**15.7**	● n–6, 11$^{3}/_{4}$a–7$^{1}/_{2}$p, ◹
7	12.1	17.5	13.3	14.3	−4.3	737.3	737.0	737.8	79	43	79	NW 1	NW 1	W 0	3	2	2	.	[10$^{3}/_{4}$–11$^{3}/_{4}$a
8	11.3	17.6	14.2	14.4	−4.2	737.5	736.5	735.5	80	50	72	S 0	S 1	S 0	8	5	5	0.3	[11$^{1}/_{2}$p–0$^{3}/_{4}$a
9	11.6	15.6	11.9	13.0	−5.5	734.5	734.5	736.4	87	66	93	SE 1	W 2	S 0	10●	10●	9	7.6	● 7–10$^{3}/_{4}$a, 1$^{1}/_{2}$–1$^{3}/_{4}$, 6–8$^{3}/_{4}$,
10	11.0	16.8	13.4	13.7	−4.8	738.0	738.3	739.9	95	56	86	SE 1	W 2	SE 1	9	7	1	0.3	● 3$^{3}/_{4}$–7$^{1}/_{4}$a, ●° 11$^{1}/_{4}$a, 1$^{3}/_{4}$–
																			[2, 4–4$^{1}/_{4}$p
11	11.0	19.4	16.7	15.7	−2.7	740.3	739.6	739.1	90	57	77	E 1	E 1	SE 1	7	7	7	2.6	
12	13.6	17.0	16.0	15.5	−2.8	738.1	738.3	739.2	98	86	96	SE 0	SE 0	S 0	10	10●	10	8.8	● 4–7, 10$^{1}/_{2}$–10$^{3}/_{4}$a, 1$^{1}/_{2}$–
13	13.4	16.8	15.0	15.1	−3.2	740.5	740.5	740.8	95	74	80	W 1	NW 1	SW 0	10	10	10	0.8	[9$^{1}/_{4}$p
14	12.4	13.4	12.6	12.8	−5.4	739.1	737.8	738.0	93	91	98	SE 0	W 1	S 0	10●	10	7	5.1	● 6$^{1}/_{4}$a–7, 11$^{1}/_{4}$p, ◠ 7^{p}
15	13.0	17.2	14.4	14.9	−3.2	738.5	737.6	738.4	95	62	80	E 0	NE 1	NW 1	5	6	9	0.1	● 0–0$^{1}/_{2}$a
16	11.8	18.0	13.9	14.6	−3.5	738.5	738.0	738.6	87	59	85	E 0	N 1	N 0	4	4	5	.	
17	**10.0**	19.2	14.6	14.6	−3.4	739.2	739.2	739.5	91	54	82	S 0	N 1	W 0	2	2	0	.	
18	10.4	19.0	16.5	15.3	−2.6	739.7	738.3	738.5	90	72	93	E 0	N 0	SW 1	5≡	10	0	0.2	≡ 6–7$^{1}/_{2}$a, ●° 4^{p}
19	13.8	19.4	18.4	17.2	−0.6	738.6	737.5	737.0	98	83	92	S 0	SE 0	SW 0	10	10	10	7.0	≡ 1–4^{a}, ● 10–11$^{1}/_{2}$a, *)
20	16.0	18.4	14.8	16.4	−1.3	736.4	736.8	739.0	96	88	98	S 0	SW 0	W 1	10≡	10	10	9.4	≡ l, ● 9$^{1}/_{4}$–9$^{3}/_{4}$a, 0$^{3}/_{4}$–1$^{1}/_{4}$,
																			[4–8$^{3}/_{4}$p
21	14.4	18.4	16.1	16.3	−1.3	741.0	741.3	742.2	93	66	84	W 1	NE 1	N 0	10	6	2	.	
22	11.0	20.6	15.9	15.8	−1.7	743.3	742.4	741.0	93	46	78	SE 1	NE 0	SE 1	5≡	3	0	.	≡ l
23	13.2	23.8	19.2	18.7	1.3	739.2	738.0	738.3	84	51	83	SE 1	SE 1	E 1	0	0	2	.	
24	15.8	23.2	18.4	19.1	1.7	739.0	739.5	740.4	83	59	81	S 1	W 1	SE 1	7	9	10	3.2	◹ 1$^{1}/_{2}$–2$^{1}/_{4}$, 7$^{1}/_{2}$–8$^{1}/_{2}$p, ●
25	16.4	21.0	15.8	17.7	0.4	743.3	743.5	743.7	73	46	77	NW 0	N 1	S 0	5	2	0	.	[2–3^{p}, ◺ 8$^{1}/_{2}$p–0^{a}
26	12.8	22.6	17.8	17.7	0.5	**744.4**	743.3	742.9	86	54	84	E 0	E 1	E 0	4	3	1	.	
27	13.6	23.5	19.0	18.7	1.6	741.8	740.5	740.2	84	50	76	W 0	E 1	E 1	5	3	5	.	
28	14.8	24.6	19.2	19.5	2.5	739.3	737.6	736.9	82	52	88	E 0	NE 1	NE 0	1	1	0	.	
29	16.4	25.8	20.2	20.8	3.9	735.7	734.0	733.9	81	58	83	E 0	E 1	SW 0	5	5	10	12.0	●° 6$^{3}/_{4}$, 10$^{3}/_{4}$p, p n ◹
30	17.0	20.6	18.0	18.5	1.8	733.4	734.1	736.0	96	69	86	SE 2	W 2	SE 1	10●	10	2	2.2	● 2$^{1}/_{4}$–9$^{1}/_{4}$a, ◹ ● 1$^{3}/_{4}$–
31	15.8	21.2	18.6	18.5	1.9	737.8	738.0	739.0	91	63	84	SE 1	NW 1	NW 1	6	7	2	.	[2$^{1}/_{4}$p, ◺ 11p–0^{a}
																		Summe	
Mittel	13.6	20.1	16.5	16.7	—	738.6	738.0	738.4	88	61	83				5.7	5.4	4.5	86.5	*) **19.** 2$^{1}/_{4}$–4$^{1}/_{4}$, 9$^{1}/_{2}$–10$^{1}/_{2}$p, [◹ 9$^{3}/_{4}$–10$^{1}/_{2}$a, 9$^{1}/_{4}$–11p

August 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$H_b = 2500.1^m$, $G = -0.16\,^m/_m$.

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	3.5	4.9	3.2	3.9	−1.6	564.7	565.7	567.1	40	80	50	NNE 2	ESE 1	NE 1	1	6	0	.	
2	5.0	6.0	3.1	4.7	−0.7	566.6	567.5	567.3	**24**	86	98	NE 2	SE 1	ENE 1	1	7	4	.	≡ $3^1/_2$-$4^1/_4$, $7^1/_2$-$8^1/_2$p,
3	4.8	7.8	5.6	6.1	0.7	566.2	566.7	566.4	70	87	79	NE 2	ESE 1	E 1	1	9	1	.	≡ $1^1/_4$-$6^3/_4$p [◺°−n
4	5.9	9.2	5.6	6.9	1.5	565.6	566.3	565.7	80	77	71	NE 1	SW 2	WSW 3	1	8	1	.	◺° III
5	4.7	8.0	4.9	5.9	0.5	564.6	564.9	564.1	100	80	95	WSW 4	WSW 3	WSW 4	10≡	3	2	8.6	⬋ I, III−n, ≡ n−8a, *)
6	3.6	4.6	1.0	3.1	−2.3	561.9	561.5	561.9	100	100	100	WSW 4	WSW 2	WSW 4	10≡	10●	10●	47.9	● $5^3/_4$-$7^3/_4$a, ⬋ a, III, *)
7	−0.5	−0.4	−1.6	−0.8	−6.2	562.1	562.9	563.3	100	100	100	WSW 1	WNW 2	NNW 2	10≡△	10≡	9	9.8	✳ n−$10^3/_4$a, $6^1/_4$-7p, *)
8	−1.0	0.7	−0.3	−0.2	−5.5	562.1	562.8	562.6	98	98	100	WSW 1	WSW 1	WNW 1	9≡	10≡	10≡	7.6	≡ $7^1/_2$a−$6^1/_4$p, 9p−n
9	−1.4	0.1	−1.3	−0.9	−6.2	**560.5**	561.2	561.6	100	100	100	WSW 3	WSW 2	WSW 3	10≡*	10≡	10≡*	20.4	⭥ ✳ n−$9^1/_2$a, $2^3/_4$− *)
10	−2.2	−1.0	−0.9	−1.4	−6.7	562.6	563.7	565.6	100	100	100	WSW 2	WSW 3	WSW 3	10≡*	10≡	10≡	11.0	⭥ ✳ ⋁ n−$1^1/_2$p, ≡, *)
11	−0.7	1.1	2.8	1.1	−4.1	565.8	566.5	567.3	98	98	97	WSW 2	WSW 2	SW 2	9	10	8	1.8	≡° II, n● [$3^1/_4$p−n
12	3.0	4.1	2.8	3.3	−1.9	565.9	566.0	566.1	92	100	100	SW 2	WSW 3	WSW 2	9	10≡	10≡●	28.8	≡ $9^1/_4$a−n, ⬋ $10^1/_2$a, ●2
13	1.7	1.5	−0.8	0.8	−4.3	565.8	565.9	565.4	100	100	100	NNW 2	WNW 2	WNW 2	10≡●	10≡*	10≡*	16.3	● n−$10^3/_4$, 2−3p, ≡, ✳ *)
14	−1.8	−0.6	−0.2	−0.9	−6.0	563.6	562.6	563.4	100	100	100	WSW 2	WSW 3	W 1	10≡*	10≡*	10≡	34.4	a △2, ≡ ⋁, ⭥ ✳2 *)
15	−0.9	−1.2	−1.9	−1.3	−6.3	563.0	562.9	563.5	100	100	100	WNW 2	WNW 2	WSW 1	10≡	10≡△	10≡△	16.6	≡ ⋁, △ $0^1/_4$-$1^3/_4$, *)
16	**−2.8**	−1.0	−1.1	−1.6	−6.6	563.0	564.0	564.9	98	98	100	WSW 1	W 1	WNW 1	9	10	10≡	.	≡ $1^3/_4$p−n
17	−0.8	1.6	2.4	1.1	−3.8	564.6	566.2	566.9	85	85	97	WSW 3	WSW 2	WSW 2	1	2	1	.	
18	3.9	6.8	5.7	5.5	0.6	566.8	567.7	568.0	72	89	97	WSW 4	SW 2	WSW 2	3	9	7	.	⬋ I, ≡ 8−$8^1/_4$p, ◺° III
19	5.6	9.3	5.1	6.7	1.9	567.7	567.6	566.6	98	90	98	WSW 3	SW 1	WSW 3	3	9	6	10.6	≡ $1^3/_4$-5p, ◺ $3^1/_2$-$4^1/_4$, *)
20	3.4	4.8	3.1	3.8	−0.9	564.8	565.1	565.4	100	100	100	WSW 4	WSW 3	WSW 3	9	10≡	10≡●	41.6	⬋ I, ≡ $8^3/_4$a−n, ●2 3− *)
21	1.8	1.8	1.0	1.5	−3.2	566.2	567.2	568.0	100	100	100	NNW 1	WNW 1	WNW 2	10≡●	10≡	10≡	2.0	● n−$9^1/_2$a, $5^1/_4$-$5^1/_2$,
22	0.2	3.8	2.5	2.2	−2.4	568.5	569.6	569.7	98	98	54	WNW 1	W 1	WSW 0	3	9	1	.	[$8^1/_4$-$8^3/_4$p, ≡
23	6.8	9.2	7.6	7.9	3.4	568.8	569.3	569.3	40	65	78	W 2	SSW 2	W 3	1	1	0	.	⬋ $10^1/_2$a
24	7.0	11.0	6.2	8.1	3.6	569.3	569.6	569.7	73	81	95	WSW 2	S 1	SW 3	2	4	6	**50.9**	≡ $3^3/_4$-$6^1/_4$p, ● $5^1/_4$− *)
25	4.8	5.7	4.3	4.9	0.5	569.7	570.6	570.9	100	98	94	WSW 2	WSW 4	WSW 3	10≡	10≡	1	.	◺2 ●2 1−3^3, ≡ n−$5^1/_2$p,
26	5.8	8.4	6.7	7.0	2.7	571.1	**572.0**	571.6	94	77	37	WSW 3	WSW 3	WSW 3	10≡	7	0	.	≡ n−8a [p ⬋
27	7.5	11.4	8.2	9.0	4.8	570.6	570.7	570.0	25	75	45	W 3	WSW 3	W 2	3	3	2	.	
28	8.2	11.4	8.3	9.3	5.1	568.9	569.0	568.2	68	72	77	WSW 3	WSW 2	W 2	2	1	3	.	
29	9.2	**12.4**	9.5	10.4	6.3	567.1	566.9	566.6	72	73	63	WSW 1	SSW 1	W 1	3	6	10	9.3	◺ III
30	5.4	7.0	3.8	5.4	1.4	564.3	564.2	565.4	87	90	94	WSW 2	SW 3	NW 3	10●	3	10●	45.0	●2 n−o, $4^1/_2$-$5^1/_4$, 7p−n,
31	5.2	8.0	4.6	5.9	2.0	566.0	567.0	567.8	88	90	95	W 1	WSW 1	W 1	7	10≡	10≡	1.3	≡° $10^1/_2$a, ≡ 1−$6^1/_2$, $8^1/_4$p−
																		Summe	[n, n●
Mittel	3.1	5.0	3.3	3.8	—	565.7	566.3	566.5	84	90	87				6.4	7.6	6.2	363.9	

*) **5.** $2^1/_2$-$8^1/_4$p, ◺ 4-$7^1/_2$p, △ 6-$6^1/_4$p, ▲2 7p, ◺2 III *) **6.** ≡, ◺ $1^1/_2$-$2^1/_4$p, ●2 $1^1/_4$p−n *) **7.** △ $7^1/_2$-$7^3/_4$a, ≡ n−$9^1/_4$p *) **9.** $6^1/_4$p, ≡, ● $2^1/_2$-$2^3/_4$p, p ⋁, ⭥2 ✳ $8^1/_2$p−n *) **10.** ✳ 2−$2^3/_4$, $4^1/_2$-$5^1/_4$p *) **13.** $1^1/_4$p−n, △ 3-$3^3/_4$p, ⋎ III *) **14.** $7^1/_4$a−9p *) **15.** $8^3/_4$p−n, ✳ $3^3/_4$-$4^3/_4$p, ◺ $7^3/_4$-9p *) **19.** $5^1/_2$-$6^1/_4$p, n, △ 4p, ● $3^3/_4$-$7^1/_4$p *) **20.** $3^1/_4$, $6^1/_4$p−n *) **24.** 6p, ◠ 6-$6^1/_4$p, ◺ -7p, ◺ III *) **30.** ≡ $10^1/_2$a−o, $4^1/_4$-$5^1/_2$, 8−9p, △ $4^3/_4$p, ◺ 5-$5^1/_2$p, ◠ $5^1/_4$-6p

August 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$H_b = 2102.9^m$, $G = -0.14\,^m/_m$.

1	4.8	10.5	5.5	6.9	−1.4	592.5	593.1	594.8	91	38	85	N 2	N 2	N 2-3	1	0	3	.	⬋ III
2	7.0	9.4	6.4	7.6	−0.7	594.4	595.0	595.0	52	44	85	NNE 1	N 3	N 1	0	1	2	.	⬋ II
3	8.6	13.3	8.4	10.1	1.8	594.2	593.8	594.2	51	27	70	SE 0	N 1	N 1	0	2	5	.	
4	9.4	13.0	9.2	10.5	2.2	593.4	593.6	593.7	43	38	80	N 1	N 2	N 1	0	1	3	.	
5	8.2	15.0	9.5	10.9	2.7	592.9	593.1	592.5	47	**21**	62	N 0	S 0	S 0	0	3	7	0.8	n (5/6) ●°
6	8.8	8.6	4.6	7.3	−0.9	590.5	589.6	590.3	70	90	87	NE 0	S 1	N 2	6	10≡	9	11.4	≡ $1^1/_4$p−p, ● 2, $3^1/_4$-$5^1/_4$p
7	2.8	3.0	1.7	2.5	−5.7	590.2	590.3	590.8	100	98	99	N 3	N 3	N 2	10≡	10≡	10≡	0.4	⬋ n−p, ≡2
8	1.3	5.1	2.9	3.1	−5.1	590.7	590.7	590.8	88	56	72	N 1	NNE 1-2	SE 1	4	8	10●	22.8	△ 4p, ●−n
9	1.6	4.9	1.8	2.8	−5.3	589.2	**589.1**	590.6	96	77	100	SE 0	N 0	N 1	10≡	10	10≡	8.9	≡ I, △ $2^1/_2$p, ●−p, ≡2 III
10	1.0	5.6	2.4	3.0	−5.1	591.4	592.5	594.2	96	52	100	N 0	N 1	N 2	7	6	9	.	
11	4.7	6.4	6.0	5.7	−2.3	594.6	595.1	595.6	80	95	91	NE 0	S 1	S 1	7	10≡	10≡	1.8	≡2 II, p ≡, n●
12	5.8	7.4	5.1	6.1	−1.9	594.6	594.2	594.3	99	97	100	S 1	SE 0	N 1	10≡	10●	10≡	16.2	≡ I, III, ● $9^1/_4$-10^3a, $0^1/_4$p−p
13	4.6	4.4	1.7	3.6	−4.3	593.5	593.9	593.5	100	100	100	N 2	N 2	N 2-3	10≡	10≡	10≡	1.8	≡2, ≡ ⬋ III−n, n●
14	1.0	2.6	1.6	1.7	−6.2	591.5	591.0	591.2	96	100	100	N 3-4	N 3	N 3-4	10≡	9≡	10●≡	6.4	≡ ⬋, ● 8p−n
15	1.4	3.6	1.7	2.2	−5.6	590.9	590.9	591.4	94	74	100	NNE 2	NNE 3	NNE 2-3	10●≡	8	9≡	.	●° ≡ I, p ⬋, ≡ III−n
16	**0.8**	5.6	3.8	3.4	−4.4	591.2	592.1	592.9	100	45	40	N 2	N 2	N 2	9≡	4	3	.	≡ I
17	4.7	9.8	6.2	6.9	−0.8	592.9	594.1	595.4	35	29	69	N 1	N 1	N 0	0	0	0	.	
18	7.9	11.0	7.8	8.9	1.3	595.6	596.0	596.7	72	57	82	S 1	S 1	S 1	8	10	10≡	1.1	≡ III, n●
19	8.2	10.0	9.0	9.1	1.6	596.0	596.0	594.9	89	85	85	SSE 1	S 1	SE 1	9	10≡	10	7.5	≡ II, ● $4^1/_2$p−p
20	7.0	6.5	5.8	6.4	−1.1	593.1	593.4	593.6	90	97	100	S 0	N 1-2	N 1-2	10	10●	10	2.1	● II
21	3.8	5.2	4.2	4.4	−3.0	593.8	595.0	596.1	100	87	80	N 2	N 3	N 3	10≡	5	3	.	≡ I, p ⬋
22	3.3	9.5	7.4	6.7	−0.6	596.8	597.4	597.6	97	36	45	N 2	N 2	N 1	3	1	1	.	
23	7.0	12.9	9.4	9.8	2.5	597.5	597.1	597.4	69	46	48	SE 1	S 1	S 0	8	1	1	.	
24	9.9	11.2	9.2	10.1	2.9	597.1	597.1	597.5	30	29	60	N 0	S 1	S 1	1	1	3	1.0	● $4^1/_2$-$4^3/_4$p
25	7.2	13.1	8.8	9.7	2.6	598.1	597.6	599.1	98	38	80	NE 1	NE 1	N 2	6	3	9≡	.	≡ III
26	8.5	13.8	10.6	11.0	4.0	599.3	**599.7**	599.4	37	31	60	N 1	N 2	N 1	1	5	1	.	
27	11.2	15.6	11.4	12.7	5.8	598.6	598.5	597.8	39	26	33	N 0	NNE 1	N 1	2	6	2	.	
28	11.7	15.5	10.2	12.5	5.6	596.7	596.6	596.3	45	30	89	N 1	N 1	N 0	3	4	3	.	
29	9.0	**16.0**	10.6	11.9	5.1	595.1	594.6	594.8	89	47	99	N 0	S 1	S 1	9≡	5	10≡	**25.1**	≡ I, ≡2 III−n
30	8.5	10.4	6.8	8.6	1.9	591.8	592.6	593.6	97	76	90	NE 0	S 1	S 1	10●	10	10≡	18.5	●2 n-op, ● $7^1/_2$-$9^1/_4$p, ≡2 III
31	8.0	12.3	9.2	9.8	3.2	594.1	594.9	595.6	77	47	80	S 1	S 1	S 1	5	7	9	.	
																		Summe	
Mittel	6.1	9.4	6.4	7.3	—	593.9	594.2	594.6	76	59	80				5.8	5.8	6.5	125.8	

= 7° 26′, β = 46° 57′.
H_b = 572.2 m, G = 0.05 mm.

Bern.

September 1913.
Tellur. Observatorium

Tag	Lufttemperatur 7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	Luftdruck 7^{30}	1^{30}	9^{30}	Relative Feuchtigkeit 7^{30}	1^{30}	9^{30}	Windrichtung und Stärke 7^{30}	1^{30}	9^{30}	Bewölkung 7^{30}	1^{30}	9^{30}	Niederschlag	Witterung
1	13.3	22.8	14.0	16.7	1.4	713.8	712.5	713.5	93	53	92	S 0	NE 0	E 1	4≡	7	7	20.0	≡ ⌓ I, ●° $11^3/_4{}^a-0^p$, K ●^{2}
2	14.2	22.5	16.1	17.6	2.4	714.0	712.9	713.4	91	58	89	SE 0	W 1	E 0	7	3	3	.	●° $7^3/_4-8^a$ [$6^3/_4-8^p$
3	14.5	**24.3**	17.4	18.7	3.7	713.5	712.8	713.0	89	**47**	89	SE 0	NE 0	SE 0	3	3	3	.	⌓ I
4	15.1	24.2	15.8	18.4	3.5	713.1	712.1	712.2	83	56	91	SE 1	NE 1	NE 1	6	6	9●	14.1	⌓ I, < ● $9-9^1/_2{}^p$
5	15.2	18.8	15.6	16.5	1.7	713.1	713.6	714.9	93	73	91	S 0	SW 1	SW 0	10●	9	10	1.0	K ● 1^a, a ●
6	14.5	20.2	16.8	17.2	2.5	714.9	714.4	714.1	91	49	76	SW 0	SW 0	E 0	9	2	4	0.1	
7	11.9	16.7	14.4	14.3	−0.2	714.2	714.1	714.6	96	82	93	E 0	NE 1	SE 1	10≡	9	10●	6.0	a ≡^{2} ⌓, ● $6^1/_2{}^p$–n
8	13.4	18.2	14.7	15.4	1.0	714.8	715.0	715.8	93	73	92	NE 0	NE 0	NE 0	10≡	4	5	.	a ≡
9	12.8	20.7	14.8	16.1	1.8	715.1	714.0	713.7	94	61	92	SE 0	W 0	SE 0	10≡	1	7	11.6	≡^{2} ⌓ n–9^a, ● $8^1/_2-9^3/_4{}^p$
10	13.6	10.5	9.6	11.2	−2.9	711.4	714.3	715.6	92	87	94	SW 0	S 0	E 0	10	10●	5	13.6	K $5-5^1/_4$, $7^1/_2-8^a$, ● 5^a–p
11	**4.8**	14.1	9.8	9.6	−4.4	715.2	713.1	712.3	96	55	82	NE 0	NE 2	NE 0	10≡	1	2	.	≡^{2} ⌓ I, ↙ II
12	5.6	16.8	11.9	11.4	−2.4	711.0	709.6	708.8	95	60	92	NW 0	WSW 0	SW 0	8≡	1	3	0.7	≡ I, n ●°
13	11.9	14.7	12.2	12.9	−0.8	706.4	706.0	704.2	94	88	96	SW 0	W 0	SE 0	9≡	10	8≡	1.0	≡ I, III, ● 11^a-0^p
14	12.6	19.5	11.8	14.6	1.1	704.1	**702.2**	704.8	96	66	81	SE 0	NE 0	SW 0	9	4	10●	**30.2**	K ●^{2} $3^3/_4-4^1/_4{}^p$, ●^{2} 9^p–n
15	9.6	14.1	9.9	11.2	−2.2	705.5	705.5	708.7	95	69	90	SW 0	SW 0	SE 1	10●	10	3	2.9	● n–$8^1/_2{}^a$, $2-6^p$
16	6.1	16.0	11.6	11.2	−2.0	707.3	706.8	704.3	96	64	94	SE 0	NE 0	E 0	3≡	7	10	4.8	≡^{2} n–$7^1/_2{}^a$, n ●
17	9.7	15.4	10.6	11.9	−1.2	703.8	705.9	706.9	91	**47**	89	SW 1	W 2	SE 0	9	3	8	3.2	↙ II
18	8.9	14.0	11.2	11.4	−1.5	706.6	708.5	710.8	96	72	94	N 0	N 0	W 0	9	4	9	3.9	● n–11^a
19	7.2	15.6	8.9	10.6	−2.2	712.9	712.8	713.7	97	56	94	S 0	NE 0	NE 0	8≡	4	3	.	≡ I
20	6.8	14.3	10.1	10.4	−2.2	713.7	712.6	713.6	95	54	94	S 0	SW 0	SW 0	1	8	9	22.2	a ⌓, ●° $3-3^1/_4{}^p$, ●^{2} 6^p–n
21	8.7	13.1	7.4	9.7	−2.8	715.0	716.1	**717.5**	96	73	95	S 0	W 1	SW 0	9	10	3	4.2	● a, $1^3/_4-2^1/_2$, $3^3/_4-4^1/_2{}^p$
22	7.8	15.0	8.3	10.4	−1.9	**717.5**	716.4	716.0	95	55	93	S 0	W 0	S 0	9	6	2	.	
23	6.8	14.5	9.1	10.1	−2.0	715.4	714.4	714.0	96	60	96	S 0	E 0	NE 0	9	10	3	.	⌓ I
24	6.4	13.7	9.5	9.9	−2.1	714.2	713.5	714.2	96	71	95	NE 0	NE 0	SW 0	10≡	1	2	.	a ≡^{2} ⌓
25	6.7	16.8	11.2	11.6	−0.2	715.2	714.8	714.7	97	64	96	S 0	W 0	SW 0	10≡	1	2≡	.	a ≡^{2} ⌓, ≡ III–n
26	9.3	11.2	9.6	10.4	−1.2	715.0	714.6	714.6	97	90	94	SE 0	NE 1	NNE 0	10	10≡	9	.	≡^{2} ⌓ I, ≡–p
27	10.2	14.0	9.1	11.1	−0.4	714.5	713.6	714.4	96	77	93	E 0	NNE 0	N 0	10≡	10	10	.	≡ I
28	9.8	15.0	10.7	11.8	0.5	714.2	714.0	714.1	94	75	95	NE 0	SW 0	N 0	10≡	8	6	.	
29	10.3	15.4	11.5	12.4	1.3	714.2	712.8	712.0	96	74	93	SE 0	NE 1	N 0	9	1	3	.	⌓ I
30	8.1	11.3	9.2	9.5	−1.4	709.2	708.6	708.8	96	95	96	N 0	NE 0	E 0	10≡	10≡	7≡	0.6	≡^{2} ⌓ I, ≡, ●° $11^1/_2{}^a-0^p$, [≡^{2} III–n
Mittel	10.2	16.4	11.8	12.8	—	712.3	711.9	712.3	94	67	90				8.4	5.8	5.8	Summe 140.1	

λ = 6° 57′, β = 47° 0′,
H_b = 487.3 m. G = 0.06 mm.

Neuenburg.

September 1913.
Observatorium.

Tag	Lufttemperatur 7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	Luftdruck 7^{30}	1^{30}	9^{30}	Relative Feuchtigkeit 7^{30}	1^{30}	9^{30}	Windrichtung und Stärke 7^{30}	1^{30}	9^{30}	Bewölkung 7^{30}	1^{30}	9^{30}	Niederschlag	Witterung
1	14.1	23.0	14.6	17.2	−0.1	721.2	720.0	720.9	94	67	95	E 1	SE 1	N 1	3	7	9	6.9	K ● $4^3/_4-7^p$, < III, n ●
2	14.9	22.6	17.3	18.3	1.1	721.5	720.6	720.6	98	68	74	SW 1	S 1	N 1	10	6	2	.	
3	14.6	24.4	17.5	18.8	1.7	720.9	720.3	720.4	98	63	82	SE 1	S 1	N 1	4	3	0	.	
4	16.2	**25.5**	15.8	19.2	2.2	720.5	719.1	719.2	94	63	98	NE 1	E 1	N 1	5	6	3	**49.9**	K^2 ●^{2} $7^3/_4-8^3/_4{}^p$, n ●^{2}
5	15.6	18.3	14.9	16.3	−0.6	720.4	720.9	722.2	99	74	90	SW 1	NW 1	NW 1	10●	10	10	4.0	● n–$10^1/_2{}^a$, $7-8^1/_2{}^p$
6	15.2	22.7	14.9	17.6	0.8	722.3	721.7	721.6	90	**58**	83	SW 1	SW 1	NE 1	9	4	0	.	●° n–$6^1/_2{}^a$
7	13.4	18.6	15.6	15.9	−0.7	721.8	721.6	721.6	98	77	89	E 1	E 1	E 1	10	10	9	1.6	≡° 7^a–a, ●° $7^1/_4-8^1/_2{}^p$
8	14.4	18.8	16.6	16.6	0.1	722.1	722.2	723.3	95	78	80	E 1	E 1	NE 1	10	10	5	.	● n–$7^1/_4{}^a$, ●° $5^1/_2{}^p$, ≡° III–[n
9	13.2	20.5	14.3	16.0	−0.4	722.6	721.5	720.8	98	72	98	NE 1	SW 1	N 1	7	4	7	22.2	≡° I, ● $2^1/_4-4^1/_2{}^p$
10	14.2	11.8	8.4	11.5	−4.7	719.0	721.7	723.0	95	94	90	W 1	N 1	N 1	10	10	0	2.8	K^2 ● n–I, ●–$4^1/_2{}^p$
11	**6.8**	15.2	12.2	11.4	−4.7	722.6	720.9	719.6	97	61	64	NE 1	E 2	NE 2	10	2	0	.	≡° I
12	8.2	17.1	11.7	12.3	−3.7	718.2	717.3	715.9	89	66	94	NE 1	S 1	NW 1	3	0	0	1.4	n ($^{12}/_{13}$) ●
13	12.0	16.1	13.4	13.8	−2.1	713.7	713.0	711.5	100	86	94	E 1	NE 1	NE 1	10	10	9	5.0	≡° I, ●° n–2^p [●^{2} $2^3/_4{}^p$–n
14	13.8	21.5	11.4	15.6	−0.1	711.5	**709.5**	712.1	100	59	95	NE 1	S 1	NW 1	10	4	10●	28.4	● ≡° n–7^a, K $2^3/_4-3^1/_2{}^p$,
15	10.3	16.4	10.1	12.3	−3.3	711.7	712.6	716.1	97	65	92	N 1	NW 2	N 1	10●	7	5	1.5	● n–10^a, $2^1/_2-5^p$, ≡° III
16	8.2	12.6	12.2	11.0	−4.4	714.8	714.5	711.7	97	86	83	NE 1	SW 1	NW 1	10	10●	10●	2.5	≡° I, ●° $1^1/_2{}^p$–n
17	11.0	17.8	10.9	13.2	−2.1	710.8	713.2	714.1	93	64	76	SW 2	SW 2	N 1	10●	6	8	2.0	● n–$7^1/_2{}^a$, ≡° III
18	10.2	16.8	10.7	12.6	−2.5	714.1	715.9	718.1	93	73	86	N 1	SE 1	N 1	10●	4	3	5.3	● n–$10^1/_2{}^a$
19	7.7	17.1	11.8	12.2	−2.8	720.2	720.3	721.2	98	62	75	NE 1	S 1	NE 1	7	4	3	.	≡° I
20	7.8	14.2	11.4	11.1	−3.7	721.3	720.2	721.1	94	78	80	NE 1	SW 1	SW 2	5	10	10	4.6	≡° I, ●° $2-6^1/_2{}^p$, n ●
21	9.6	12.5	8.6	10.2	−4.5	722.4	723.4	**724.9**	95	78	94	N 1	NW 1	N 1	9	9●	2	2.5	●° $0^1/_2-5^1/_2{}^p$, n ●
22	8.9	15.7	9.6	11.4	−3.1	**724.9**	724.0	723.5	100	67	89	NE 1	E 1	N 1	9	8	0	.	
23	8.0	13.9	12.7	11.5	−2.8	722.7	721.9	721.3	95	77	78	NE 0	E 1	NE 1	7	10	0	.	
24	9.2	15.3	10.3	11.6	−2.6	721.7	721.3	721.5	92	75	94	E 1	SW 1	N 0	10	3	0	.	
25	9.1	14.0	10.6	11.2	−2.8	722.9	722.6	722.0	100	85	100	E 1	SE 1	N 1	10	6	0	.	≡° II
26	10.4	12.4	11.4	11.4	−2.5	722.5	722.3	722.3	97	93	96	E 1	NE 2	NE 2	10	10	3	.	≡° I
27	10.6	14.4	11.0	12.0	−1.7	721.9	721.0	721.9	93	76	85	NE 1	SW 1	NE 1	10	10	10	.	
28	10.8	15.3	11.0	12.7	−0.8	721.6	721.3	721.7	93	75	95	W 1	SW 1	NE 1	10	7	2	.	≡° n–II
29	11.2	16.8	11.7	13.2	−0.2	721.5	721.7	719.4	95	75	85	NE 1	SE 1	NE 1	9	1	7	.	≡° I, III
30	9.5	11.7	9.2	10.1	−3.1	716.7	716.3	716.2	98	91	96	NE 1	SE 1	N 1	10	10	2	1.9	≡° I, ● $10^1/_2{}^a-6^1/_2{}^p$
Mittel	11.3	17.1	12.4	13.6	—	719.7	719.4	719.7	96	73	88				8.6	6.7	4.3	Summe 142.5	

September 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	15.3	19.9	16.0	17.1	1.1	723.5	723.1	723.3	100	63	100	NE o	NWo-1	E o	7	8	10	4.2	● $4^{1}/_{4}$–$8^{1}/_{2}$p
2	13.9	22.0	17.0	17.6	1.7	724.0	724.1	723.6	94	59	70	E o	NW 1	SE o	1	3	o	.	
3	14.8	**22.3**	16.7	17.9	2.1	723.3	722.5	723.0	98	55	97	NE o	N o–1	SE o	3	4	o	.	
4	15.6	22.0	18.7	18.8	3.2	722.8	721.9	722.3	95	60	97	E o	N o–1	NWo-1	8	5	10●	9.1	● III–n
5	16.4	18.9	15.8	17.0	1.5	722.6	723.3	724.4	100	83	98	NE o	E o	E o	10●	10●	10●	4.1	●
6	14.0	20.8	15.8	16.9	1.5	724.8	724.0	724.3	100	53	90	E o	N o	E o	9	7	2	.	
7	13.4	17.2	15.4	15.3	0.0	724.0	724.6	726.2	94	80	100	E o	NW 1	NE o	o	10	10●	2.6	● III
8	15.0	18.2	15.8	16.3	1.1	725.3	725.2	726.0	100	70	96	E o	N 1	N o	10	4	10	.	≡° I, III
9	14.2	19.0	14.8	16.0	1.0	724.7	723.6	723.5	98	67	100	E o	NW o	N o	8	8	10	2.4	≡° I, ⊼ ● $5^{1}/_{4}$–$6^{1}/_{2}$p
10	13.8	11.3	10.2	11.8	−3.1	721.2	723.2	725.4	95	75	98	NWo-1	N 1–2	N o–1	10●	10●	10●	**27.9**	●², ⌿ II
11	7.6	15.1	10.7	11.1	−3.7	725.3	723.3	721.8	100	56	95	E o	W o–1	SE o	o	o	1	.	
12	11.1	15.0	11.4	12.5	−2.2	720.3	719.3	718.8	89	67	96	E o	N o–1	SE o	10	o	o	.	
13	11.4	21.3	17.0	16.6	2.1	716.3	713.9	713.6	100	36	47	E o	S 2–3	E 2	7	2	3	.	⌿ $o^{1}/_{2}$p–III
14	13.5	21.1	16.3	17.0	−2.6	714.0	**711.2**	713.2	96	44	61	E o	S 3	S o	8	3	7	19.6	⌿ 1p–p
15	12.2	14.9	11.5	12.9	−1.4	713.4	716.2	719.4	93	82	95	NE o	N o	SE o	10●	10●	10●	9.7	●² $o^{1}/_{2}$a–III, ⌿ 5p
16	9.4	18.8	13.3	13.8	−0.4	717.1	716.0	713.8	97	35	65	E o	SE 2–3	NE o	5	8	8	5.6	⌿ 9a–$7^{1}/_{2}$p, n ●
17	11.6	14.4	10.5	12.2	−1.8	714.4	716.1	717.5	100	68	98	NE o	NWo-1	NE o	10●	10●	4	5.3	≡° I, ● n–II
18	11.4	14.5	11.8	12.6	−1.3	716.1	718.3	721.0	96	65	100	NE o	W o–1	SW o	6	10	10	2.2	≡° I, p ●
19	11.6	14.4	10.0	12.0	−1.7	722.3	722.7	723.4	100	70	95	SE o	N o	NE o	10	10	o	0.2	≡° I
20	10.9	15.7	11.2	12.6	−1.0	723.4	722.1	723.2	96	52	100	NE o	N o	NW o	10	10	10●	5.4	● III–n
21	10.3	13.4	10.5	11.4	−2.0	724.8	726.1	**727.6**	100	55	95	E o	NE o	NW o	10●	10●	10	1.7	● n–II
22	9.9	14.2	8.3	10.8	−2.5	727.4	726.9	726.1	98	58	96	E o	N o	S o	10	9	o	.	
23	7.9	13.6	8.8	10.1	−3.0	725.1	724.7	724.3	96	61	96	E o	N o	SE o	8	10	o	.	
24	**5.5**	14.3	8.4	9.4	−3.6	724.0	723.5	723.8	100	69	99	SE o	N o–1	SE o	2	o	o	.	
25	8.4	14.8	8.9	10.7	−2.1	725.4	725.0	724.7	100	74	99	E o	N o–1	NE o	o	o	o	.	
26	9.6	14.4	11.6	11.9	−0.8	725.1	725.5	724.7	100	66	99	E o	N 1	N o	10≡	9	10	.	≡ I, ≡° III
27	10.4	14.6	8.9	11.3	−1.2	725.0	723.9	724.3	88	63	96	SE o	N o–1	NE o	10	1	o	.	
28	8.8	16.2	9.7	11.6	−0.8	724.4	723.2	724.4	94	67	97	E o	NWo-1	NE o	6	2	o	.	
29	11.7	18.0	15.9	15.2	2.9	724.4	722.5	721.9	100	42	37	E o	NE 1	SE 2–3	8	4	o	.	⌿ $o^{3}/_{4}$p–n
30	16.5	19.1	9.7	15.1	3.0	718.6	717.6	728.8	37	**34**	90	SE 2–3	SE 2–3	NE o-1	2	8	o	.	⌿ n–$5^{1}/_{4}$p
Mittel	11.9	17.0	12.7	13.9	—	722.1	721.8	722.3	95	61	90				6.9	6.2	4.8	Summe 100.0	

September 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$. $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m}/_{m}$.

1	14.4	21.0	19.3	17.9	1.3	727.9	726.6	727.1	84	53	62	S o	NNE 1	NNE 1	2	4	4	1.0	⊿° ≡◡ I, ●° $10^{3}/_{4}$a, ⊼ ●
2	15.4	21.8	18.6	17.9	1.4	728.0	726.9	726.9	86	62	89	SSE o	NNE 1	N o	2	5	o	.	⊿° ≡° I [$10^{1}/_{4}$p
3	14.8	21.7	17.6	17.8	1.4	727.5	726.8	726.8	85	63	83	S o	NNE 1	SW o	3	2	o	.	⊿° ≡° I
4	16.2	22.9	20.3	19.1	2.9	727.1	725.7	725.5	86	58	86	SSW o	NNE 1	S 1	2	6	5●	2.1	⊿° ≡° I, ●° 6p, ≮ $8^{1}/_{4}$p,
5	18.0	21.1	16.4	18.7	2.6	727.4	728.0	729.6	78	66	81	SSW 1	NNW 1	SSW o	8	7	o	0.6	●° $2^{1}/_{4}$p–p [⊼ ● $9^{1}/_{4}$p, n
6	13.6	20.3	17.3	17.0	1.0	729.2	728.2	727.9	96	60	76	SSW 1	NNE 1	N 1	5	2	1	.	
7	13.2	19.4	17.4	15.8	−0.1	728.5	727.7	728.3	93	70	78	SW o	NNE 1	NE 1	9	7	9	0.3	⊿° I, p ●°
8	16.4	20.3	16.3	17.2	1.4	728.7	728.9	729.9	87	66	90	N 1	N 1	NE 1	9	7	8	3.0	⊼ $5^{3}/_{4}$p, ●–$7^{1}/_{2}$p, n
9	15.1	**23.6**	17.6	18.1	2.5	729.3	728.4	727.8	100	56	86	SSE 1	SSW 1	NNWo	10	3	4	3.7	
10	14.6	15.3	12.8	14.4	−1.1	726.0	728.0	728.8	96	65	70	S 1	N 2	N 2	9●	10	2	1.4	● n–$7^{1}/_{2}$a, ⊼ 7^{a}, p ⌿
11	10.7	15.4	12.7	12.7	−2.7	728.1	726.2	726.2	77	60	74	N 2	N 3	NE 1	2	2	o	.	⌿ n–II
12	8.2	19.1	15.8	13.8	−1.5	725.8	723.8	722.8	94	57	67	SSW 1	SSW 1	SSE o	5	o	4	2.0	⊿ I, n ● [$10^{1}/_{4}$p–n
13	13.2	17.4	15 2	15.0	−0.1	720.5	719.3	718.2	96	78	92	S o	NNE 1	SW 1	10●	6	10●	3.9	● $7^{1}/_{2}$–$10^{1}/_{2}$a, $9^{1}/_{4}$–$9^{1}/_{2}$,
14	14.7	18.0	11.0	14.4	−0.6	717.6	**716.4**	719.6	92	75	96	SSW 1	NW 1	SSE 1	6	9	10●	**56.7**	⊼ 2–$2^{1}/_{2}$p, ●² $6^{1}/_{2}$p–n
15	10.6	16.0	12.0	12.7	−2.2	718.7	720.5	722.3	95	57	79	WSW 1	S 1	SSE 1	7	5	o	.	⊼ 6^{a}
16	9.5	13.8	11.4	11.3	−3.4	721.3	721.1	719.1	88	76	95	SE 1	NNE 1	NW 1	4	9●	10●	11.0	⊿ I, ● $11^{1}/_{2}$a, $1^{1}/_{2}$, $6^{1}/_{2}$–$9^{1}/_{2}$p
17	10.0	17.8	12.8	13.5	−1.1	719.5	720.1	720.5	83	**48**	75	SSE 2	WSW 1	S 1	6	4	9	2.9	⌿ I, ⊼ $7^{1}/_{4}$p, ● $7^{3}/_{4}$, $10^{1}/_{4}$p-
18	11.0	15.0	10.7	12.8	−1.6	721.0	722.9	724 9	94	72	87	SSW 1	N 1	SSW 1	10●	4	o	.	●° $7^{1}/_{2}$a - [n
19	7 2	17.2	12.5	11.5	−2.8	727.0	727.0	728.0	89	49	79	SSW 1	NNE 1	NNE 1	o	2	o	.	⊿ I [$8^{1}/_{4}$p, ≮ III
20	8.2	14.3	11.2	11.3	−2.9	728.0	727.6	728.9	92	76	93	NNE 1	NNW 1	SSW 1	2	10●	8	3.3	⊿ I, ● $11^{3}/_{4}$a–$2^{1}/_{2}$, $7^{1}/_{2}$–
21	9 3	14.6	10.8	11.8	−2.2	729.4	730.1	731.8	95	57	90	SSW o	NNE 1	NNE 1	4	3	o	.	⊿° I, ◠ $4^{3}/_{4}$p
22	6.0	15.8	10.0	10.6	−3.2	**731.9**	730.8	730.2	94	58	92	NNE 1	NNW 1	NW o	2	4	o	.	⊿² I
23	**5.4**	15.0	11.8	10.8	−2.9	729.7	728.3	728.0	98	67	86	WNWo	N 1	NNE 1	o≡	6	o	.	≡ ⊿ I
24	9.4	14.0	9.7	10.9	−2.6	728.3	728.3	728.6	91	73	92	WNW 1	NE 1	NNE 1	10≡	3	o	.	≡ ⊿ I
25	8.8	16.1	12.3	12.1	−1.3	729.6	728.7	728.7	92	74	95	NNE 1	N 1	NNE o	10	8	10	.	⊿ I, III
26	11.4	14.5	11.9	12.4	−0.9	728.9	728.5	729.2	97	79	90	NNE o	N 1	NNE 1	10	2	9	.	⊿ I
27	11.8	16.2	14.0	13.9	0.9	728.6	727.5	728.2	92	68	85	NNE o	N 1	NE 1	10	10	9	.	⊿° I
28	12.6	15.2	13.2	13.7	0.8	728.4	728.1	728.4	93	82	91	NE 1	NNW 1	NNE o	9	4	3	.	⊿° I
29	11.7	15.8	14.1	13.4	0.7	728.6	727.4	725.8	94	75	88	NNE 1	NNE 1	NNE 1	10	10	3	0.5	⊿° I, n ●°
30	11.0	13.8	10.3	11.7	−0.9	724.1	722.0	723.2	99	90	97	NE 1	NNE 1	NE 1	10●	10	o	3.8	● $7^{1}/_{2}$–$10^{1}/_{2}$a, $2^{1}/_{2}$p, n
Mittel	11.8	17.4	13.9	14.1	—	726.5	726.0	726.4	91	66	85				6.2	5.5	3.9	Summe 96.2	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35}a, 1^{35} u. 9^{35}p.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$,
$Hb = 493.2^{m}$, $G = 0.08\,{}^{m}/_{m}$.

Zürich.

September 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	14.8	25.4	16.4	18.9	2.9	720.6	719.4	721.1	98	48	87	E 0	NE 0	SE 1	8	3	10●	3.3	≡° I, ●° $2^{1}/_{4}{}^{p}$, ⛆ ● $7^{1}/_{2}-$ *)
2	14.6	24.2	16.0	18.3	2.4	720.6	720.2	720.6	92	52	90	E 0	SW 1	NE 1	9	6	1	0.1	●° $10^{1}/_{4}{}^{a}$, ◺ III
3	13.5	**26.3**	17.3	19.0	3.2	720.5	719.7	719.8	95	**47**	91	NE 0	E 1	NE 1	1	3	1	0.1	[$9^{3}/_{4}{}^{p}-0^{1}/_{4}{}^{a}$
4	14.7	24.2	19.7	19.5	3.8	720.2	719.4	719.0	96	60	85	NW 1	NE 1	NE 1	5	4	10	6.7	⧋ I, ●° 6p, ◺ ^{2} $8^{1}/_{2}{}^{p}-$n, ●
5	15.4	19.8	16.7	17.3	1.7	719.7	720.1	721.1	97	67	78	SE 1	W 1	SW 1	9●	9	10	7.0	● $3^{1}/_{2}-3^{3}/_{4}$, $6^{3}/_{4}-7^{3}/_{4}{}^{a}$, *)
6	15.6	21.2	16.0	17.6	2.1	721.7	721.4	721.1	83	62	88	W 1	W 1	NE 1	10	6	8	0.1	●° $8-8^{1}/_{2}{}^{a}$
7	13.1	17.1	15.4	15.2	−0.2	721.6	721.4	722.2	96	75	92	NE 0	SE 1	NW 0	10	10	10	.	
8	13.0	17.1	13.6	14.6	−0.6	721.9	722.3	723.1	90	74	95	NW 1	NE 1	SW 0	10	8	7	.	
9	15.4	22.1	16.3	17.9	2.8	721.9	720.6	720.1	88	61	87	NW 0	W 0	S 1	6	2	7	15.7	●° $8^{1}/_{4}{}^{p}$
10	13.9	10.2	8.6	10.9	−4.1	718.1	720.8	722.8	96	95	100	W 1	E 1	W 1	10●	10●	5	**28.8**	⛆ ● $2^{1}/_{4}-3^{1}/_{4}$, $4-5^{1}/_{4}{}^{a}$, ●^{p}
11	7.2	16.0	10.5	11.2	−3.7	722.9	721.1	719.2	100	56	68	E 1	E 1	NE 2	5	2	0	0.1	[$6^{a}-7^{1}/_{4}{}^{p}$ p ↙
12	**6.8**	16.2	10.5	11.2	−3.5	718.1	717.1	715.7	92	59	95	NW 1	W 1	S 0	10	0	1	.	⧋ I
13	10.8	20.4	12.1	14.4	−0.2	713.8	712.4	711.1	100	53	91	SE 0	W 1	NE 0	10≡	5	1	0.1	≡ n−8^{a}, ●° $7^{1}/_{2}{}^{a}$, $5-5^{1}/_{4}{}^{p}$
14	13.2	22.0	13.2	16.1	1.7	711.3	**709.5**	711.8	97	55	95	NE 0	NE 1	S 0	10≡	2	9	5.6	≡ n−8^{a}, ◺ ● ↙ $5^{3}/_{4}-6^{1}/_{4}{}^{p}$
15	11.2	13.9	9.9	11.7	−2.6	710.9	713.0	716.5	100	67	97	SE 1	SW 1	S 1	9	10●	9	20.0	● $5^{1}/_{4}-10^{1}/_{4}{}^{a}$, $1^{1}/_{2}-8^{p}$
16	7.6	17.5	12.4	12.5	−1.6	714.4	714.0	711.8	100	55	93	NW 0	W 0	NE 0	10	3	9	5.2	●° $7^{3}/_{4}-8^{p}$ [↙
17	11.6	16.0	11.6	13.1	−0.9	709.8	712.6	714.3	92	51	94	SE 1	W 2	W 1	10●	4	8	2.4	●° $1-2^{1}/_{4}{}^{a}$, 9^{p}, ● $4^{1}/_{2}-9^{1}/_{2}{}^{a}$,
18	10.4	14.0	11.2	11.9	−1.9	713.8	715.4	718.1	91	59	97	N 0	NE 1	NE 0	10●	9	10●	0.5	●° $7-8^{a}$, $6-6^{1}/_{4}$, $9^{1}/_{4}-9^{3}/_{4}{}^{p}$
19	9.7	17.8	10.5	12.7	−0.9	719.9	719.9	720.7	91	**47**	96	NW 1	W 0	E 1	9	6	4	0.1	[$1^{1}/_{2}{}^{a}$
20	8.8	18.2	10.3	12.4	−1.1	720.3	719.2	720.4	96	**47**	97	E 0	W 1	SW 1	2	6	10●	5.9	⧋ I, ●° $5^{3}/_{4}-6^{1}/_{4}{}^{p}$, ● $7^{1}/_{4}{}^{p}-$
21	10.4	12.1	9.8	10.8	−2.5	721.7	722.8	**724.2**	80	78	95	NW 0	SW 1	S 0	10	8	9	2.4	●° $11^{1}/_{4}-11^{1}/_{2}{}^{a}$, $1-1^{1}/_{4}{}^{p}$
22	9.6	14.9	9.6	11.4	−1.7	**724.2**	723.6	723.0	99	64	93	S 0	SW 0	SW 0	9	5	1	0.1	● $0^{3}/_{4}-1^{3}/_{4}{}^{a}$, ●° 7−$9^{a}$
23	9.2	13.0	10.6	10.9	−2.0	722.0	721.7	721.7	97	72	92	SE 0	SW 0	NE 0	8	10	5	0.1	●° $0^{1}/_{2}{}^{p}$
24	8.4	16.5	10.0	11.6	−1.1	721.4	720.7	721.1	94	56	99	NE 1	N 1	NE 0	4	1	0	0.1	
25	9.5	15.5	10.0	11.7	−0.9	722.4	722.2	721.9	100	72	98	E 0	NW 1	E 0	10	7	7	0.1	≡° I
26	8.8	10.4	8.9	9.4	−3.0	722.6	722.6	722.0	98	87	90	NE 1	E 1	NE 1	10	10	0	0.1	●° n−I, $9^{1}/_{2}{}^{a}$
27	7.8	10.8	9.2	9.3	−2.9	722.0	721.5	721.8	95	79	86	NW 0	N 1	NE 1	10	10	10	.	
28	9.6	16.0	9.0	11.5	−0.5	721.5	721.0	721.4	90	67	99	N 0	NW 1	NW 0	10	0	1	.	
29	8.6	12.2	9.9	10.2	−1.6	721.7	720.7	719.4	100	85	99	N 0	N 1	NE 0	10≡	10	1	.	≡ n−9^{a}
30	8.4	13.3	8.6	10.1	−1.6	717.1	715.6	715.9	99	75	98	N 0	NW 1	NE 0	6	10	1	.	●° $1^{3}/_{4}-2^{1}/_{4}{}^{p}$
Mittel	11.1	17.1	12.1	13.4	—	719.3	719.1	719.4	95	64	92				8.3	6.0	5.5	Summe 104.6	*) **1.** $10^{1}/_{4}{}^{p}$, ↙ 9^{p} *) **5.** $2^{1}/_{4}-4^{p}$, ● $5^{1}/_{4}-6$, 9^{p}

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11\,{}^{m}/_{m}$.

Rigi-Kulm.

September 1913.
Beobachter: Frl. *H. Bütikofer.*

1	10.4	13.2	8.0	10.5	2.2	618.5	618.3	618.9	50	55	75	W 1	W 2	W 4	7	10	10●	6.8	● ↙ III−n
2	10.4	12.0	10.2	10.9	2.7	618.8	618.9	619.3	50	77	75	W 3	W 1	W 2	7	8	0	.	↙ I
3	12.2	15.8	13.0	13.7	5.6	618.8	619.1	619.7	41	42	52	W 2	W 2	W 1	7	8	0	.	
4	13.4	**16.0**	11.2	13.5	5.5	618.9	618.8	618.2	46	52	100	W 2	SE 1	W 1	7	8	10●	5.8	● III−n
5	8.2	8.8	7.2	8.1	0.2	617.3	617.9	618.5	78	100	100	W 4	W 2	W 4	10	10●≡	10≡	9.8	↙ I, III, p ● ≡
6	7.0	10.8	8.0	8.6	0.8	618.5	618.9	619.6	100	66	100	W 1	W 1	SE 1	10≡	7	0	.	≡ I
7	9.8	15.0	9.2	11.3	3.5	618.2	618.5	619.4	65	42	100	SE 2	NE 1	W 2	0	8	10≡	.	≡ III
8	11.2	14.8	9.8	11.9	4.2	618.8	619.5	**620.1**	55	54	100	SE 1	S 1	W 2	10	7	10≡	.	≡ III
9	11.8	13.8	8.8	11.5	2.9	619.8	618.1	618.3	55	62	100	SE 1	S 2	W 4	7	1	10	13.8	◺ ^{2} ● 5p, ↙ III−n [✳ II
10	5.8	1.4	1.2	2.8	−4.7	615.2	616.2	617.5	100	100	100	W 4	W 3	W 3	10●≡	10✳	10●	**46.6**	◺ ^{2} $6^{1}/_{2}{}^{a}$, ≡ ↙ I, ●^{2} ↙, ▣
11	4.2	5.4	6.6	5.4	−2.0	617.0	616.7	616.5	46	72	45	SE 3	SE 3	SE 2	0	0	0	.	↙ n−II
12	7.2	10.4	7.8	8.5	1.2	614.3	614.3	614.2	45	40	75	W 3	W 1	W 3	0	0	0	.	↙ I, III
13	9.0	11.6	7.8	9.5	2.3	611.8	609.9	609.9	74	65	100	W 0	SE 3	SE 4	10	10	10	.	≡° II, p ↙, ↙ III
14	6.8	11.0	5.2	7.7	0.6	609.3	608.7	609.3	100	66	100	W 2	SE 4	W 2	10≡	8	10≡	8.2	≡ I, III. ↙ II, n ●
15	3.8	3.8	3.0	3.5	−3.5	607.6	610.0	612.3	100	90	80	SE 3	W 2	W 3	10≡	10●	10	15.6	≡ ↙ I, ●, ↙ III−n
16	4.2	8.4	7.0	6.5	−0.4	610.7	611.0	610.1	67	46	50	SE 3	SE 4	SE 4	0	7	10	3.5	↙ I. ↙, n ●
17	2.2	3.6	3.4	3.1	−3.7	**607.1**	609.7	610.5	100	100	79	W 4	W 1	W 2	10≡	10≡	10	2.5	↙ n−I. ● ≡ n−II
18	7.4	5.2	4.2	5.6	−1.0	610.3	611.9	614.2	88	98	100	SE 2	W 2	W 0	10	10≡	10	0.6	≡ II, ●° III
19	3.2	7.2	2.4	4.3	−2.2	615.0	615.7	616.4	100	54	100	W 1	W 1	W 1	10≡	9	3	.	≡ I
20	2.2	7.0	2.2	3.8	−2.6	615.9	615.7	615.8	86	65	100	W 2	W 1	W 4	0	9	10●≡	8.4	● ↙ ≡ 5p−n, n ✳
21	**1.0**	1.4	1.4	1.3	−5.0	616.6	617.7	618.7	100	100	100	W 3	W 2	W 2	10≡	10	10≡	6.5	≡ ↙ I, ✳ $8^{1}/_{2}-9^{1}/_{2}{}^{a}$, ▣
22	1.4	3.4	2.2	2.3	−3.9	618.9	618.8	618.9	100	87	98	W 1	W 1	W 1	10≡	10	0	.	≡ I [$2^{1}/_{2}-3^{3}/_{4}{}^{p}$, ≡ III
23	3.0	4.0	3.0	3.3	−2.7	617.9	617.3	617.4	75	76	85	W 3	W 2	W 1	10	10	0	.	↙ I
24	5.8	10.4	6.8	7.7	1.8	616.9	617.1	617.6	40	39	**30**	W 0	W 1	W 3	0	0	0	.	↙ III−n
25	7.2	10.0	8.0	8.4	2.6	618.4	618.8	618.8	58	35	45	W 3	W 2	W 2	0	0	0	.	↙ I
26	5.8	9.8	7.4	7.7	2.0	618.1	618.1	618.1	85	58	40	W 1	SE 1	SE 2	0	0	0	.	
27	6.0	8.2	6.2	6.8	1.2	617.4	617.3	618.4	70	50	70	W 3	W 1	SE 3	0	0	0	.	↙ I. III
28	5.6	7.0	5.2	5.9	0.5	617.4	617.4	617.6	100	90	64	NE 2	NE 2	SE 4	7	7	0	.	↙ III
29	6.0	9.2	6.0	7.1	1.8	617.5	617.1	616.2	70	48	50	W 1	SE 2	W 4	8	3	0	.	↙ III−n
30	6.2	9.4	5.2	6.9	1.7	613.5	612.7	613.2	50	45	60	SE 4	SE 4	SE 4	0	8	0	.	↙
Mittel	6.6	8.9	6.3	7.3	—	615.8	616.0	616.5	73	66	79				6.0	6.6	5.1	Summe 128.1	

September 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$H_b = 1712.6^m$, $G = -0.12\,^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	7.2	14.4	10.1	10.6	1.4	624.6	623.8	624.7	92	58	69	SW 1	S 1	— 0	4	7	10	0.7	a ◔°
2	2.2	17.0	6.8	8.7	−0.4	624.2	623.2	623.6	95	51	83	S 0	S 3	— 0	2≡	4	0	.	≡ I, 🌧 II
3	4.2	18.6	9.4	10.7	1.7	624.6	623.9	625.1	94	40	75	W 0	S 3	— 0	6	5	0	.	🌧 II
4	5.0	**19.0**	12.0	12.0	3.1	625.2	623.8	624.0	95	46	90	S 0	S 3	— 0	7	8	10●	7.8	🌧 II, ◺° ● III–n
5	8.4	9.9	8.6	9.0	0.2	622.7	623.1	623.2	100	81	93	N 0	SW 1	E 1	10	10●	10●	5.1	⌙° I, ● a–II, III
6	8.4	15.4	8.2	10.7	2.0	623.4	622.9	623.9	94	51	82	E 0	NE 2	— 0	9	2	0	0.1	a ◔°
7	6.0	16.0	9.2	10.1	1.6	624.4	623.7	624.6	90	50	83	W 0	SW 3	— 0	4≡	8	2	.	≡ I, 🌧 II, ◺ III
8	9.0	14.0	9.1	10.7	2.3	625.5	625.5	**626.3**	82	57	90	W 1	S 2	W 1	10	9	9	0.3	◔° 7ᵖ
9	5.8	15.9	10.0	10.6	2.3	625.7	624.2	623.4	98	51	84	SW 0	S 2	W 1	10≡	6	8	1.0	≡ I, n ●
10	9.7	7.8	3.4	7.0	−1.2	620.2	619.7	620.8	90	90	85	S 1	N 1	N 2	10	10	10	9.9	a ◔, ◔° III
11	0.4	12.2	3.0	5.2	−2.9	622.4	621.8	622.1	85	35	79	NE 1	NE 0	N 1	2	0	1	.	
12	2.4	13.0	6.1	7.2	−0.7	620.9	619.1	619.7	91	59	89	SW 0	S 2	NE 1	8	0	5	.	
13	7.2	11.2	7.2	8.5	0.7	617.7	617.3	616.8	90	66	86	N 1	SW 2	W 1	10	8	8	.	
14	6.4	11.9	8.5	8.9	1.2	615.9	615.9	615.9	96	66	82	S 0	SW 1	W 1	6	10	10●	**16.5**	● III–n
15	5.8	9.1	5.2	6.7	−0.9	615.3	616.3	617.9	92	75	99	W 0	W 3	NE 1	10●	10	10	12.3	◔, 🌧 II
16	1.0	10.3	5.0	5.4	−2.0	618.4	618.6	617.6	100	51	86	S 0	S 3	E 1	10≡	7	10●	16.0	≡ I, 🌧 II, ● III–n
17	6.1	10.4	4.3	6.9	−0.4	**613.4**	615.4	618.0	95	54	80	S 0	W 3	— 0	10	3	8	3.6	🌧 II
18	2.4	6.0	5.0	4.5	−2.7	616.9	618.0	619.9	94	87	91	N 1	SE 1	W 1	10●	10●	10	11.5	◔ n–9ª, ● ✳–10ª, ✳–11ª,
19	3.0	8.6	5.1	5.6	−1.4	620.3	619.4	620.3	95	60	81	NW 0	W 3	W 1	10	10	10	2.4	🌧 II, p n ● [◔–II
20	4.4	11.0	6.6	7.3	0.4	620.9	620.4	620.5	95	51	60	N 0	N 1	W 1	9	6	10	0.2	
21	4.0	8.6	4.6	5.7	−1.0	621.4	622.0	623.4	75	45	59	W 0	NE 1	W 2	9●	8	10	.	◔° n–l, ◠ $7^1/_2$ª
22	2.8	6.7	0.6	3.4	−3.2	623.5	623.4	623.9	81	54	80	N 1	N 1	NE 1	9	10	0	.	
23	−0.8	9.2	4.8	4.4	−2.0	622.6	621.3	622.3	90	38	73	N 0	SW 3	NE 1	6	10	10	.	⌙ I, 🌧 II
24	−0.6	13.0	4.2	5.5	−0.8	623.2	622.3	623.8	99	40	89	NE 0	SW 2	NE 1	10≡	1	0	.	≡ ⌙ I
25	0.2	14.0	4.8	6.3	0.2	623.8	623.0	623.4	99	45	74	W 0	SW 2	W 1	2	2	0	.	⌙ I
26	−1.0	13.0	3.2	5.1	−0.9	623.0	622.9	623.9	91	**33**	84	W 0	NE 1	W 1	0	0	0	.	⌙ I
27	**−1.8**	11.1	2.2	3.8	−2.0	623.1	622.7	624.2	98	60	94	SW 0	S 2	NW 1	4	5	0	0.2	◔° 3, 5–6ᵖ
28	3.0	8.1	5.4	5.5	0.1	623.6	623.4	624.2	94	61	81	SW 0	S 2	W 1	10	10	10	.	
29	3.8	6.7	4.2	4.9	−0.6	624.1	623.7	623.4	95	71	85	N 0	SE 2	W 1	9	9	0	.	≡° I
30	4.6	7.6	5.1	5.8	0.5	621.5	620.1	620.3	85	70	90	S 0	S 1	NE 1	9	10	10	0.5	n (30/1) ◔°
																		Summe	
Mittel	4.0	11.7	6.1	7.2	—	621.7	621.4	622.0	92	56	83				8.2	6.6	6.0	88.1	

September 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$H_b = 540^m$, $G = 0.00\,^m/_m$.

1	15.6	24.0	16.5	18.7	2.1	716.8	714.2	717.7	87	55	85	E 0	SW 2	SW 0	1	7	9	1.8	● III
2	14.4	22.3	16.0	17.6	1.1	718.7	715.1	714.9	85	53	62	E 0	SW 0	NE 0	0	2	4	.	
3	14.5	**24.8**	19.4	19.6	3.2	716.0	714.1	717.5	75	**43**	56	E 1	SW 1	SW 0	0	3	0	.	
4	15.8	24.2	19.3	19.8	3.5	717.8	714.7	715.0	74	46	90	SE 0	SW 2	SE 0	2	6	0	4.0	n (4/5) ◺ ●
5	15.6	16.8	15.2	15.9	−0.2	716.7	714.8	718.1	99	95	100	SE 0	W 2	W 1	9	10●	10●	4.3	● 1ᵖ–n
6	14.0	22.0	15.2	17.1	1.1	717.2	716.5	717.5	86	51	74	SE 0	W 1–2	W 0	4	2	0	.	
7	14.0	21.6	15.2	16.9	1.0	716.3	715.3	717.0	85	56	95	SE 0–1	SW 2	W 0–1	4	3	2	2.5	⏢ ≡° I, ◺ ● $4^3/_4$ᵖ
8	14.6	23.2	17.2	18.3	2.6	717.2	715.7	718.1	97	52	90	SE 0–1	SW 1	SW 0	6	9	7	.	◺ III, ◔° $9^3/_4$ᵖ
9	14.6	22.1	17.2	18.0	2.4	718.5	715.8	716.0	94	58	74	E 0–1	SW 1–2	E 0	10	8	9	2.3	⏢ I
10	14.2	11.9	9.8	12.0	−3.5	713.3	714.1	718.0	100	95	85	S 0	W 3–4	SE 0–1	10●	10●	2	**11.9**	◔ $5^3/_4$ª–p, 🌧 II
11	8.0	17.3	11.6	12.3	−3.1	717.8	713.2	715.0	91	52	85	E 1	S 0–1	NE 0	3	0	0	.	⏢ I
12	9.2	18.8	14.8	14.3	−0.9	713.5	710.8	711.3	91	56	81	SE 0	SW 1–2	E 0–1	1	1	9	.	⏢ I
13	13.2	19.5	15.4	16.0	0.9	709.3	707.2	707.3	91	68	65	E 0	SW 1–2	E 0–1	9	6	4	.	
14	13.1	21.8	13.2	16.0	1.0	707.0	**703.8**	706.4	88	58	80	E 0–1	S 0	W 2–3	8	4	7	0.4	🌧 III
15	11.1	15.3	11.2	12.5	−2.3	706.9	707.3	711.8	100	76	84	SW 1–2	W 1–2	NE 1	9●	8●	3	4.9	● $6^1/_2$ª–II
16	7.0	17.4	13.6	12.7	−2.0	710.2	709.2	708.2	100	50	60	S 0	SE 2	E 1	6	9	10	2.1	⏢² I, n ●
17	11.4	16.3	11.4	13.0	−1.5	706.5	707.6	709.9	100	53	85	SW 0–1	SW 2	E 0	7	6	9	0.3	n (17/18) ◔°
18	10.7	15.1	11.2	12.3	−2.1	709.0	711.0	713.6	100	64	85	S 0–1	SW 0–1	E 0–1	9	8	2	3.6	● 8–$10^1/_2$ª
19	9.1	17.0	11.2	12.4	−1.8	715.2	713.8	715.8	100	54	71	SW 0–1	SW 0–1	W 1	8	6	4	.	⏢ I
20	7.8	15.4	11.2	11.5	−2.5	717.0	714.6	716.5	89	54	93	S 0	SW 1–2	SW 0	2	10	10	2.1	⏢ I, n ●
21	9.3	14.5	9.8	11.2	−2.7	717.2	717.2	719.5	89	56	80	NE 0	SW 1–2	SW 0–1	6	4	4	.	
22	7.5	16.1	10.3	11.3	−2.4	**720.3**	718.0	718.5	84	50	72	S 0	SW 1	NE 1	7	3	0	.	⏢ I
23	6.7	15.2	10.4	10.8	−2.8	718.4	716.2	716.3	95	61	81	SE 0	SW 1	NE 0–1	6	9	0	.	⏢ I
24	**6.5**	17.3	11.4	11.7	−1.7	717.2	715.2	717.2	100	52	83	E 0	SW 1–2	E 0	0	0	0	.	⏢ I
25	7.6	17.4	13.2	12.7	−0.6	718.3	716.4	717.3	99	56	73	E 0	W 1	E 0–1	2	1	0	.	⏢ I
26	7.3	17.9	11.1	12.1	−1.0	717.6	715.4	717.1	100	54	100	E 0	W 1	NW 0	1	0	0	.	⏢ I
27	11.0	17.5	13.4	14.0	1.0	717.6	715.0	716.7	81	60	82	E 1	W 1–2	E 0–1	9	2	2	.	
28	10.3	17.5	13.4	13.7	0.9	716.7	715.6	717.0	100	61	68	S 0	SW 1	NE 0	8	7	2	.	⏢ I
29	10.3	18.8	15.1	14.7	2.0	716.7	715.1	715.2	69	55	45	E 0	SE 1	E 0	0	3	4	.	⏢ I
30	12.3	17.2	12.8	14.1	1.6	712.7	711.2	712.2	60	54	60	NE 0–1	S 0	E 1–2	10	8	0	.	
																		Summe	
Mittel	11.2	18.5	13.6	14.4	—	715.1	713.4	715.1	90	58	78				5.2	5.2	3.8	40.0	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$H_b = 276.2^m$, $G = 0.03\,{}^m/_m$.

Lugano.

September 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	17.0	23.2	15.6	18.6	−0.5	739.5	739.1	739.6	90	82	93	N 0	SE 0	N 0	10	9	0	5.3	● 9–9 1/2a, p
2	14.0	25.6	17.4	19.0	0.0	739.1	738.2	738.1	87	63	91	N 0	S 0	N 0	0	0	0	.	
3	16.2	26.2	19.8	20.7	1.8	739.3	739.1	739.4	80	70	80	N 0	SE 0	N 0	0	1	0	.	
4	17.4	**26.6**	17.2	20.4	1.6	740.0	739.2	737.7	82	67	97	N 0	SW 0	W 0	2	6	10●	17.4	⛆ ●x 8 1/2–9 1/2p, n ≮
5	18.6	18.6	15.6	17.6	−1.1	737.8	737.3	737.8	88	90	90	NW 0	N 0	N 0	10	10	0	1.5	a ●°
6	14.2	26.0	17.6	19.3	0.7	737.6	737.4	738.5	85	67	90	N 0	N 0	N 0	0	0	0	.	
7	11.6	22.2	18.4	17.4	−1.1	740.1	740.1	739.1	94	80	95	N 0	S 0	N 0	10	6	10	**32.4**	●° n–l, n ⛆ ●2
8	15.6	19.0	15.4	16.7	−1.6	742.3	742.4	741.9	98	89	93	N 0	W 0	N 0	10	10●	8	2.3	● II
9	14.2	21.6	17.4	17.7	−0.5	742.2	741.2	739.5	91	74	90	NNW 0	S 0	N 0	10	10	10	.	
10	15.4	20.0	17.6	17.7	−0.4	737.0	734.5	734.8	94	80	**35**	N 0	NW 0	N 1	10	10	0	1.0	a ●
11	11.2	22.4	14.2	15.9	−2.0	737.9	738.2	738.9	58	49	82	N 0	S 0	NNW 0	0	0	3	.	
12	13.6	21.4	15.4	16.8	−1.0	738.1	736.6	736.2	88	55	83	NNW 0	SW 0	NW 0	10	6	10	.	
13	13.8	18.2	15.0	15.7	−2.0	734.4	734.0	733.2	90	70	89	N 0	NW 0	NNW 0	10	10	10	4.6	n (13/14) ●
14	13.6	15.2	17.4	15.4	−2.2	732.3	732.6	731.0	96	94	80	N 0	N 0	W 0	10●	10	10	10.2	● a, n, p ●°
15	16.4	19.0	13.8	16.4	−1.0	730.1	730.5	734.5	89	80	86	SW 1	SE 0	SE 1	10	10●	10●	3.6	●, n ●
16	13.0	18.2	13.2	14.8	−2.5	735.5	735.7	733.7	87	70	97	N 0	S 0	N 0	10	10	10●	10.8	p n ●
17	16.6	19.4	13.6	16.5	−0.6	**729.2**	732.2	734.1	80	70	84	W 1	SSW 0	N 0	10	10	10	29.8	a ●°, n ●2
18	11.2	12.2	12.2	11.9	−5.1	733.5	735.0	736.0	97	95	96	W 0	NW 0	W 0	10●	10●	10	19.0	●
19	11.8	19.2	13.8	14.9	−1.9	736.1	734.3	735.1	90	72	95	N 0	S 0	SE 0	0	8	10	.	
20	11.8	20.0	14.2	15.3	−1.3	736.3	736.3	737.1	95	78	76	S 0	S 0	N 0	0	10	10	.	
21	9.4	22.4	10.4	14.1	−2.4	736.7	737.2	737.8	90	36	67	N 0	N 0	N 0	0	0	0	.	
22	10.0	22.6	10.6	14.4	−1.9	739.9	739.1	740.2	74	37	77	N 0	N 0	N 0	0	0	0	.	
23	**7.8**	20.6	12.4	13.6	−2.5	739.7	737.5	738.1	81	59	79	N 0	E 0	N 0	0	4	0	.	
24	8.8	20.8	14.0	14.5	−1.5	740.7	740.8	741.2	87	67	85	N 0	S 0	N 0	0	0	0	.	
25	13.6	20.8	15.8	16.7	0.9	740.9	740.2	739.2	91	62	88	N 0	SE 0	N 0	10	0	6	.	
26	14.4	20.8	15.6	16.9	1.3	739.7	740.5	741.0	88	69	83	N 0	SSE 0	N 0	10	2	10	.	
27	13.4	14.2	12.0	13.2	−2.2	742.0	742.4	742.4	83	80	96	S 0	SW 0	N 0	10	10	10	.	
28	12.4	17.6	13.2	14.4	−0.8	742.4	742.3	742.6	90	74	85	N 0	E 0	N 0	10	10	10	1.5	
29	11.6	18.0	12.4	14.0	−1.0	**742.8**	**742.8**	742.3	94	64	90	N 0	NNE 0	N 0	10	8	8	.	● 5 1/2–6a
30	11.6	13.4	12.0	12.3	−2.5	739.9	738.6	738.2	94	90	96	N 0	NW 0	N 0	10	10●	10●	8.4	● 9 1/2a–n
Mittel	13.3	20.2	14.8	16.1	—	738.1	737.8	738.0	88	71	85				6.4	6.3	6.2	Summe 147.8	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$H_b = 277.2^m$, $G = 0.13\,{}^m/_m$.

Basel.

September 1913.
Bernoullianum.

Tag	Lufttemperatur 7h30	1h30	9h30	Mittel	Abweich. vom Normalst.	Luftdruck 7h30	1h30	9h30	Relative Feuchtigkeit 7h30	1h30	9h30	Windrichtung und Stärke 7h30	1h30	9h30	Bewölkung 7h30	1h30	9h30	Niederschlag	Witterung
1	14.4	22.2	17.4	18.0	1.5	738.8	737.8	738.0	91	62	86	SE 1	E 0	SE 1	4	9	10	1.0	p ⛆, ●° 1 3/4, 4p, ●7–9p, ≮
2	15.4	21.6	17.8	18.3	1.9	738.8	738.0	738.5	89	63	88	SE 1	NW 1	SE 0	8	5	0	.	[III
3	15.0	**23.6**	19.0	19.2	2.9	738.5	737.4	737.9	87	67	89	E 1	N 1	NW 0	4	4	0	.	[II p
4	16.2	21.0	17.8	18.3	2.1	738.3	737.7	738.2	94	75	98	SE 1	NE 1	NW 2	10	6	10●	**19.0**	≡ 5a, ● 5 3/4–11p, ⛆ 9 1/4–
5	16.2	17.2	16.2	16.5	0.5	737.5	738.4	739.2	96	90	92	SW 0	SW 1	SW 0	10●	10●	10	4.4	● 0 1/4a–3 3/4, 6 1/4–6 3/4p
6	16.4	21.0	16.2	17.9	2.0	739.9	739.5	739.6	90	60	89	SW 0	W 1	E 0	7	5	0	.	● 1–2 1/4, 6 3/4a
7	15.0	17.4	17.2	16.5	0.7	739.9	739.9	740.1	93	80	80	NE 0	N 0	E 0	10	9	10	.	
8	14.2	19.4	17.2	16.9	1.2	740.3	740.4	741.2	95	74	80	E 0	NE 0	E 0	8	6	4	.	
9	14.4	22.0	18.4	18.3	2.7	740.3	738.6	738.0	89	68	81	SE 1	SW 1	SW 1	7	3	10	3.0	⛆ 8–8 1/4p, ● 10 1/2–11p
10	14.2	12.0	10.2	12.1	−3.3	737.3	739.9	741.6	93	90	93	NW 1	NW 1	S 0	10●	10●	0	3.1	● 4 3/4a–2 3/4p
11	8.4	15.0	11.0	11.5	−3.8	741.7	739.6	738.2	92	71	85	SE 1	NE 1	E 1	10	4	1	.	
12	**6.8**	16.8	13.4	12.3	−2.9	736.4	734.5	733.6	97	63	86	NE 0	E 0	SE 0	10≡	0	0	.	≡ I [2 1/4p
13	11.0	16.2	15.6	14.3	−0.7	731.2	730.2	728.7	90	92	85	E 1	SE 1	E 1	10●	10●	6	1.3	● 7 1/2–8 1/4, 11 3/4a, 1 1/4–
14	13.4	21.2	13.4	16.0	1.1	728.7	**727.0**	729.4	95	56	89	SE 1	E 1	NE 0	8●	4	10	15.8	● 4 3/4–5 1/4, 7 1/2–7 3/4a, *)
15	12.0	14.8	12.0	12.9	−1.9	728.8	731.0	734.1	95	71	90	SE 0	NW 1	E 1	10	8	1	2.5	● 2–6 1/2, 8–9 1/4, 10 3/4–11a,
16	9.0	17.8	13.6	13.5	−1.1	732.2	731.7	730.2	92	**48**	82	E 1	E 1	SW 0	4≡	7	10	7.2	[●° 4p ≡ I, ●° 9 3/4p
17	11.2	16.8	11.2	13.1	−1.4	728.4	730.6	732.7	97	54	90	W 0	NW 2	SE 1	10●	4	0	1.7	● 1 3/4–2 1/2, 5–8 3/4a
18	9.8	11.8	11.6	11.1	−3.2	732.4	734.3	736.4	92	90	93	SE 0	N 1	W 0	10●	7	10	6.8	● 7 1/2a–1 1/4p
19	9.0	15.6	11.0	11.9	−2.3	738.6	738.4	739.3	92	59	93	S 1	NE 0	S 0	4	4	4	.	
20	8.0	16.6	11.4	12.0	−2.0	739.0	737.3	738.8	97	63	95	SE 1	N 0	SE 1	7≡	7	10●	8.5	≡ I, ● 2 1/2–11 1/2p
21	11.1	16.0	11.2	12.8	−1.1	740.3	741.3	**743.0**	90	59	90	SW 1	NW 1	N 0	10	6	2	0.8	●° 9a, ●° ⌒ 3 3/4p
22	10.2	15.2	10.6	12.0	−1.7	742.9	742.0	741.7	97	71	93	SE 1	NW 0	S 0	10	9	0	0.2	● 5–6 3/4a, I
23	9.4	15.6	12.6	12.5	−1.0	740.7	739.8	740.0	95	69	86	E 1	E 0	NE 0	8	8	2	.	
24	8.6	15.0	11.4	11.7	−1.7	739.9	738.9	739.4	100	78	93	S 0	NW 1	SE 1	10≡	2	0	.	≡ I
25	10.2	17.4	12.8	13.5	0.3	740.2	739.8	740.2	93	69	93	E 1	SE 1	E 0	3≡	0	0	.	≡ I
26	11.0	13.2	10.8	11.7	−1.3	740.9	741.0	740.4	87	75	90	E 1	E 1	E 1	10	4	0	.	
27	8.2	13.8	10.0	10.7	−2.2	740.3	739.2	739.9	89	74	84	E 0	SE 1	E 2	7	7	0	.	
28	8.0	16.2	11.4	11.9	−0.8	740.1	739.2	739.9	89	73	95	E 1	E 0	SE 0	0	2	0	.	
29	9.0	16.6	12.2	12.6	0.1	740.1	738.5	737.5	97	73	90	E 1	E 1	E 1	4	2	0	.	
30	9.0	12.0	11.2	10.7	−1.6	735.2	734.1	733.9	97	87	95	SE 1	NE 0	E 1	10≡	10	8≡	0.5	≡ I, III, ●° 0 1/4, 1 3/4, 3–5p
Mittel	11.5	17.0	13.5	14.0	—	737.6	737.2	737.6	93	71	89				7.8	5.7	3.9	Summe 75.8	*) **14.** 4 1/2–6 1/4, 11 1/2–11 3/4p, ⛆ 4 1/4–5p

September 1913.
Observatorium.

Säntis.

λ = 9° 20′, β = 47° 15′,
H_b = 2500.1 m, G = −0.16 m/m.

Tag	Lufttemperatur 7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	Luftdruck 7^{30}	1^{30}	9^{30}	Relative Feuchtigkeit 7^{30}	1^{30}	9^{30}	Windrichtung und Stärke 7^{30}	1^{30}	9^{30}	Bewölkung 7^{30}	1^{30}	9^{30}	Niederschlag	Witterung
1	5.5	9.0	4.7	6.4	2.6	567.4	567.4	567.4	82	87	83	W 3	SW 1	WNW 3	3	10≡	9	0.6	≡ 0¾–5p, K 3¼–4¼, *)
2	4.7	7.1	4.4	5.4	1.6	567.1	567.3	567.4	88	86	99	N 3	WNW 1	NNW 3	2	9	10≡	3.1	≡ 5¾p–n, K 7p–n, ● 7½–
3	5.6	9.4	7.2	7.4	3.7	567.8	568.6	568.7	83	78	74	WSW 3	SW 1	WSW 3	7	4	2	.	[9¼p, △ 8½p
4	7.9	**11.2**	7.6	8.9	5.3	568.3	568.3	567.5	73	69	86	WSW 2	S 2	SSW 1	6	6	9●	9.8	● 6½p–n
5	3.6	4.0	3.7	3.8	0.3	566.2	566.5	566.5	100	100	100	W 3	W 3	WSW 3	10≡●	10≡	10≡●	**36.4**	≡, ●^{2} n–1, 4¼p–n
6	3.1	5.0	3.8	4.0	0.6	566.7	567.6	567.6	100	100	98	WSW 3	SW 1	SW 1	10≡	10≡	3	.	≡
7	4.9	8.1	5.5	6.2	2.9	567.4	567.8	568.1	84	81	74	SW 1	SSW 1	SE 0	1	7	8	.	
8	5.9	7.8	5.9	6.5	3.3	568.1	568.9	**569.2**	79	74	80	SW 1	SSW 1	SW 1	9	8	6	.	<° III [8p–n, ≡ 9p–n
9	5.5	8.9	4.1	6.2	3.1	568.1	567.9	566.8	81	76	100	WSW 2	SSW 1	WSW 3	4	6	10≡●	29.9	K 4¾–6¼p, < 7¾–9p, ●^{2}
10	2.5	−1.7	**−3.9**	−1.0	−4.0	563.6	563.5	564.3	100	100	100	WSW 3	WNW 1	N 1	10≡✱●	10≡✱	10≡✱△	30.1	● ✱ n–8a, △^{2} 8¾– *) ⊠
11	−3.8	−0.2	1.6	−0.8	−3.7	564.6	565.1	564.4	90	62	57	NNE 1	S 1	SSE 1	1	1	0	.	⊠
12	3.2	4.9	3.0	3.7	0.9	563.2	563.2	562.9	57	76	87	E 0	WSW 3	SW 1	1	1	1	.	⊠
13	3.1	6.7	2.9	4.2	1.5	560.6	560.0	559.5	90	84	82	WSW 0	SSW 2	SSW 2	7	7	1	.	⊠
14	3.6	6.0	3.0	4.2	1.6	558.9	558.5	558.8	82	79	93	SSW 2	SSW 3	SSE 1	6	4	9	0.8	n (14/15) ●° ⊠
15	1.2	0.8	−1.8	0.1	−2.4	556.8	558.7	560.8	100	100	100	E 3	S 2	W 3	9≡	10≡✱	10≡✱	15.4	≡ n–7¾, 9¾a–n, ✱ ⊠
16	−1.1	2.2	1.8	1.0	−1.4	559.5	560.8	559.4	89	80	84	SSW 2	WSW 2	ESE 2	1	7	7	.	[9¼a–n, +→ 5p–n ⊠
17	1.2	0.7	−1.6	0.1	−2.2	**556.3**	558.3	559.7	98	100	93	WSW 3	WSW 3	SW 3	10≡	10≡	7	10.0	⌒ 7a, ≡ 7½a–8¾p, *) ⊠
18	−0.4	2.1	−0.4	0.4	−1.8	559.1	560.5	562.5	89	100	100	ESE 2	SE 1	W 3	9	10≡✱	10≡	5.7	≡ 0½–7½, 9p–n, ✱ *) ⊠
19	−0.8	0.2	−1.6	−0.7	−2.7	563.3	563.8	564.2	93	100	100	WSW 1	WSW 0	NNE 1	8	10≡	10≡	34.1	≡ 9½a–5½, 7¾p–n, *) ⊠
20	−2.6	0.1	−2.2	−1.6	−3.5	563.5	563.8	563.4	100	100	100	NW 2	WSW 1	SW 2	10≡✱	9	10≡✱	20.6	✱^{2} n–7¾a, 6¼p–n, *) ⊠
21	−2.9	−1.8	−3.2	−2.6	−4.4	563.8	564.8	566.2	100	100	100	WSW 1	SW 1	WSW 1	10≡✱	10≡✱	10≡	3.9	✱ n–10¾a, 0½–3¾, *) ⊠
22	−3.0	−1.2	−3.4	−2.5	−4.2	566.0	566.1	565.9	100	100	98	WSW 1	SW 1	SW 2	10≡	10≡✱	1	0.3	V I, ≡ n–5½, ✱° 1–2½p ⊠
23	−2.4	−1.7	−1.9	−2.0	−3.6	564.6	564.6	565.2	100	100	100	WSW 2	WSW 2	WSW 1	10≡	10≡	10	1.0	≡ n–9½p, V, ✱ 1¾–7p ⊠
24	−0.3	2.0	1.0	0.9	−0.6	565.1	565.7	566.3	87	85	78	WSW 3	SW 2	WSW 3	2	2	1	.	⊠
25	0.6	3.8	1.8	2.1	0.7	566.3	567.4	567.0	81	85	74	WSW 3	SW 2	WNW 3	2	3	1	.	⊠
26	2.3	3.6	4.3	3.4	2.1	566.4	567.0	567.0	**25**	80	53	NNE 2	ESE 1	ENE 1	1	2	1	.	⊠
27	2.6	4.2	2.6	3.1	1.9	565.5	565.6	566.3	69	78	87	NNE 1	E 1	ESE 1	0	1	1	.	⊠
28	1.2	3.1	0.2	1.5	0.5	565.5	566.1	566.1	90	88	87	NE 1	SSW 1	S 1	1	8	1	.	⊠
29	0.6	3.5	0.4	1.5	0.6	566.0	565.6	564.8	81	80	80	SW 1	SSW 2	S 2	7	5	2	.	⊠
30	1.7	4.0	2.4	2.7	1.9	562.5	562.1	562.4	80	80	83	SSE 1	SSW 2	S 1	2	9	1	.	⊠
Mittel	1.8	3.7	1.7	2.4	—	564.3	564.7	564.9	86	87	88				5.6	7.0	5.7	Summe 201.7	

*) 1. 6–6½p, ●° 4½–7¾p *) 10. 9¼a, 9p–n, ✱^{2} 9¼a–4p, ≡, p V, +→ ✱^{2} 5¾p–n *) 17. ↙ 10½a, ✱ +→ 8–10¾a, ✱ 5¾–8½p *) 18. 1¼–2p, ✱ △ 3¼–8p *) 19. ● ✱ 2–3¼p *). 20. ≡ n–9¾a, 2¾–5p, III–n *) 21. 6–6¾p, ≡ V

September 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

λ = 8° 34′, β = 46° 33′,
H_b = 2102.9 m, G = −0.14 m/m.

Tag	Lufttemperatur 7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	Luftdruck 7^{30}	1^{30}	9^{30}	Relative Feuchtigkeit 7^{30}	1^{30}	9^{30}	Windrichtung und Stärke 7^{30}	1^{30}	9^{30}	Bewölkung 7^{30}	1^{30}	9^{30}	Niederschlag	Witterung
1	7.8	11.0	6.0	8.3	1.8	595.6	595.4	596.0	91	69	70	S 1	S 1	S 1	10	7	10	10.1	≡° I, ● 4¾–9p
2	8.0	12.0	7.8	9.3	2.9	595.2	595.2	595.7	50	41	72	N 0	S 1	S 1	1	7	3	.	
3	9.2	**14.2**	9.6	11.0	4.7	596.0	596.5	**597.2**	45	57	62	N 0	S 1	S 1	2	5	1	.	
4	8.7	13.0	9.4	10.4	4.2	596.5	596.3	595.5	59	51	87	S 1	S 2	S 1	10	6	10●	23.5	● 6¾p–n
5	7.8	8.6	5.4	7.3	1.2	594.1	594.3	594.6	90	78	100	SE 0	N 1	N 1–2	10●	8	9≡	2.0	a ●, ≡ III
6	4.8	9.6	6.8	7.1	1.1	594.8	595.3	595.6	100	45	50	N 2	N 1–2	N 1	3	7	6	.	
7	8.2	10.7	8.3	9.1	3.2	595.7	595.7	596.1	75	69	78	SE 1	S 1	S 1	9	9	10≡	8.9	● ≡ 6½p–n
8	5.4	8.3	6.3	6.7	0.9	597.0	597.1	**597.2**	98	67	80	S 1	S 1	S 1	10≡	10	10	2.2	≡ ●° I, ● 4–5p
9	6.3	9.5	6.9	7.6	1.9	596.7	596.3	595.0	99	75	100	S 1	S 1	S 1	10≡	10≡	10●	6.3	≡^{2} I, ≡–p, ● 7¼p–n
10	6.5	1.4	−0.6	2.4	−3.1	592.0	591.8	592.1	94	100	100	S 1	N 2–3	N 3–4	10	10✱	9≡	18.6	a ●, ✱ 0p–p, p ↙, ≡ III
11	**−2.6**	7.5	2.7	2.5	−2.9	593.0	593.1	593.3	80	29	93	N 2	S 1	SSE 1	0	0	8≡	.	≡ III
12	2.4	7.1	3.9	4.5	−0.8	591.6	591.4	591.1	81	65	100	SSE 1	S 1	S 1	8	1	10≡	0.9	≡ III–n, n ●°
13	3.3	3.8	3.6	3.6	−1.6	589.8	588.7	587.9	100	93	100	S 1	SE 1	SE 1	10≡	10≡	10≡	5.6	≡^{2} I, ≡, ●° III, n ●
14	4.2	5.1	3.9	4.4	−0.7	587.0	587.1	586.7	99	99	93	SE 1	SE 2	SE 2	10●	10●≡	10●≡	**63.4**	●^{2}, p ≡, n ●^{2}
15	3.9	4.0	1.2	3.0	−2.0	584.7	586.2	588.6	95	79	80	SE 3	SSE 4	SE 2	10●	10●	10●	30.2	↙ n–p, ●^{2}
16	1.7	2.6	2.4	2.2	−2.7	589.0	589.6	588.0	70	80	85	SE 2	SSE 2	SE 1	7	10●	10●	39.2	a ✱°, p ●^{2}, n ✱
17	2.3	1.8	0.4	1.5	−3.2	**583.8**	586.6	588.9	85	93	100	SE 0	S 1	S 1	10	10●✱	10●✱	31.0	●^{2} ✱^{2} a–n
18	−0.2	4.8	2.0	2.2	−2.4	587.1	588.6	590.1	100	64	89	S 0	S 1	S 1	10✱	10●	10●	14.8	✱ n–10¼a, ● 11¾a–n
19	1.0	2.2	0.4	1.2	−3.3	591.3	591.5	591.8	100	87	100	N 1	N 2	N 2–3	10≡	10	10	1.1	≡ I, ● ✱ ↙ III
20	0.0	4.8	1.7	2.2	−2.2	592.0	592.0	592.2	99	39	99	N 2	N 1	N 0	9≡	7	10	2.5	≡ I, ✱ III–n
21	−0.8	0.5	−0.9	−0.4	−4.6	592.1	593.1	593.5	100	98	99	N 2	N 2–3	N 2–3	10≡	10≡	10≡	1.4	≡^{2} I, ✱ ● 10a–0p, ≡,
22	−1.5	1.6	0.0	0.0	−4.1	594.2	594.8	594.6	98	61	77	N 2	N 2	N 1	6	4	1	.	p ↙
23	0.3	4.2	0.8	1.8	−2.2	593.2	593.0	593.4	59	55	100	N 1–2	N 1–2	N 1	7	7	10≡	.	≡^{2} III
24	2.9	7.2	3.9	4.7	0.8	593.7	594.3	595.2	50	46	70	N 0	S 1	S 1	1	1	7	.	
25	4.7	9.3	6.6	6.9	3.2	594.7	595.3	595.1	47	29	36	NW 1	N 1	N 1	0	1	1	.	
26	2.8	9.1	3.9	5.3	1.7	594.4	594.9	595.2	82	**21**	90	N 2	N 1	N 0	0	1	9≡	.	≡ III
27	2.0	4.8	2.8	3.2	−0.3	593.8	594.3	594.9	93	83	97	SE 0	SSE 1	SSE 1	5	8	10≡	.	p ≡°, ≡ III–n [n ✱
28	2.0	3.4	2.2	2.5	−0.8	594.4	594.9	595.3	97	84	95	SSE 1	S 1	S 1	10	10	10≡	7.6	≡° I, ● 11a–1½p, ≡ III,
29	0.8	1.1	1.3	1.1	−2.0	594.8	594.6	593.2	98	98	78	SE 0	SSE 2	SSE 1	10✱	10●✱	10≡	11.1	a ✱, ● ✱ II, ≡^{2} III
30	0.5	1.6	1.9	1.3	−1.7	592.1	591.4	591.5	99	95	100	SSE 1	SE 1	SSE 1	10✱	10≡	10≡	4.6	a ✱, p ≡, ≡^{2} III
Mittel	3.4	6.2	3.7	4.4	—	592.7	593.0	593.2	84	68	86				7.3	7.3	8.5	Summe 285.0	

Keine Angaben über Schneebedeckung.

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

Oktober 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke						Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}		1^{30}		9^{30}		7^{30}	1^{30}	9^{30}		
1	7.3	14.4	12.0	11.2	0.5	709.8	708.7	710.5	96	78	92	SE	o	N	o	W	o	10≡	9	9	.	≡² ⊿ I
2	9.2	**18.2**	11.7	13.0	2.4	712.5	712.8	713.8	96	54	91	SW	o	WSW	o	SW	o	8	5	9	.	
3	10.4	15.8	11.3	12.5	2.1	714.4	714.5	713.4	96	73	95	SE	o	N	o	SE	o	7	9	4	.	
4	10.1	13.6	12.1	11.9	1.7	710.9	709.0	707.4	96	84	95	SE	o	N	o	SW	o	10	10	10	7.6	● $3^1/_2{}^p$–n
5	11.1	13.4	10.5	11.7	1.6	705.7	705.3	707.1	96	88	84	S	o	W	1	SW	o	10●	10●	10	1.0	● n–II, $5^1/_2$–6^p
6	7.5	13.3	10.6	10.5	0.6	707.4	707.5	708.9	98	71	96	SW	o	NE	o	W	o	7	9	10●	6.5	● $8^1/_2{}^p$–n
7	8.2	14.4	10.5	11.0	1.3	708.3	707.7	706.6	97	72	97	SE	o	W	o	W	o	7	8	6	.	
8	9.9	13.2	7.5	10.2	0.7	703.6	704.4	709.8	96	88	95	W	o	W	o	S	o	10	10●	5	8.1	● $1^1/_2$–$8^1/_2{}^p$
9	6.9	14.0	7.4	9.4	0.1	711.9	711.7	713.4	97	53	94	S	o	W	o	SW	o	8	4	4	.	●° 9–$9^1/_4{}^a$
10	4.7	13.7	7.3	8.6	−0.5	712.9	711.3	712.8	98	70	96	SW	o	NNE	1	NE	o	10≡	3	2	.	≡² ⊿ I
11	4.7	12.3	9.5	8.8	−0.2	714.6	715.1	717.1	98	77	97	W	o	W	o	SE	o	10≡	10	6	0.2	≡² ⊿ I, ●° $3^1/_2$–5^p
12	7.2	14.7	6.9	9.6	0.8	719.0	719.2	720.6	98	**46**	93	SW	o	SW	1	SW	o	9≡	4	3	.	≡² ⊿ I
13	3.0	12.1	7.4	7.5	−1.1	**721.0**	720.2	720.9	98	64	85	E	o	NE	1	NE	o	3≡	3	5	.	≡² ⊿ I
14	3.5	8.7	3.3	5.2	−3.2	720.4	720.5	720.0	97	62	94	NE	o	NE	2	W	o	2	2	2	.	⊿ I, 🌧 II
15	3.4	8.8	7.5	6.6	−1.6	717.9	716.5	716.8	97	77	96	SE	o	SE	o	E	o	10	10	10	1.5	⊿ I, ● $6^1/_2$–$8^1/_2{}^p$
16	7.5	9.7	8.4	8.5	0.5	717.3	717.0	718.4	95	79	91	NE	o	N	2	NNE	1	9	3	10	.	🌧 II
17	7.2	9.7	5.3	7.4	−0.5	717.2	717.0	716.8	96	73	97	N	o	NE	o	N	o	10	10	10≡	.	≡² 8^p–n
18	5.3	8.9	4.8	6.3	−1.4	717.0	716.3	715.9	97	82	97	S	o	SE	o	E	o	10≡	8	7≡	.	≡ ⊿ I, ≡² ⊿ III–n
19	2.9	8.1	6.0	5.7	−1.8	714.7	713.0	713.1	97	90	97	SE	o	W	o	W	o	10≡	6≡	10≡	.	⊿ I, III, ≡², ≡ II
20	1.3	11.0	5.3	5.9	−1.4	713.8	712.7	713.0	98	91	97	SW	o	N	o	WSW	o	10≡	1	10≡	.	≡² ⊿ I, III
21	**1.2**	12.7	7.6	7.2	0.1	711.9	709.1	707.7	98	66	96	S	o	W	o	W	o	6≡	4	3	.	≡ ⊔ I
22	6.6	15.4	9.6	10.5	3.5	707.1	706.5	709.8	97	58	95	NW	o	N	1	W	o	6	4	2	.	⊿ I
23	7.7	14.1	9.1	10.3	3.5	712.9	714.0	716.1	97	67	95	NE	o	SW	o	SW	o	7	8	8	.	⊿ I
24	8.1	15.5	9.0	10.9	4.3	717.7	717.3	717.7	98	64	97	SE	o	NE	o	SW	o	9	6	9	.	
25	4.5	16.8	9.3	10.2	3.7	716.5	715.5	714.5	98	54	97	S	o	W	o	S	o	8≡	1	2	.	≡² ⊿ I
26	8.3	15.8	11.1	11.7	5.4	712.9	710.6	712.6	93	63	95	W	o	NE	o	SW	o	10	7	3	.	⊿ I, ●° $5^1/_2{}^p$
27	5.0	16.2	8.9	10.0	3.9	712.6	710.5	709.9	98	60	96	SE	o	N	o	SE	o	7≡	6	3	.	≡ ⊿ I
28	5.2	14.2	10.2	9.9	4.0	707.1	705.1	704.1	98	78	96	SW	o	NE	o	NE	o	9	8	10	.	
29	9.2	16.7	8.9	11.6	5.9	**703.5**	703.7	704.0	93	57	95	W	o	SW	o	SW	o	7	8	1	1.0	⊿ I, n ●
30	8.9	10.5	8.2	9.2	3.6	706.5	708.9	711.4	98	98	98	SE	o	SE	o	SE	o	9	10●	2	**14.3**	● $9^1/_2{}^a$–$2^1/_2$, $3^1/_4$–4^p
31	5.6	11.9	7.2	8.2	2.8	713.5	714.0	714.2	98	81	97	SW	o	W	o	SE	o	10≡	3	3	.	⊿ ≡² I
																					Summe	
Mittel	6.5	13.2	8.5	9.4	—	712.7	712.1	712.8	97	71	95							8.3	6.4	6.1	40.2	

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

Oktober 1913.
Observatorium.

1	9.9	12.7	12.8	11.8	−1.2	717.1	716.4	717.7	96	88	86	E	1	SE	1	SW	2	10	10	9	.	≡° I
2	10.8	17.5	13.2	13.8	0.9	719.8	720.2	721.3	97	64	88	E	o	SW	1	NW	1	10	7	10	0.5	●° III, n
3	11.6	**18.2**	11.4	13.7	1.0	722.0	721.4	720.9	97	73	91	E	o	SW	1	NW	o	10	6	2	.	
4	11.0	12.9	12.4	12.1	−0.4	718.3	716.6	714.6	97	94	96	NE	1	E	1	N	1	10	10●	10	3.7	● $9^3/_4{}^a$–$5^1/_2{}^p$, n, ≡° II
5	11.7	13.3	10.3	11.8	−0.6	712.5	712.9	714.6	95	90	91	NW	1	SW	2	W	2	10	10	10●	6.8	●, n ●
6	8.8	13.4	11.0	11.1	−1.1	714.7	715.0	716.0	97	76	96	NW	1	SE	1	NW	1	9	8	10●	0.9	●° $8^1/_2{}^p$–n
7	8.6	13.0	11.3	11.0	−1.0	715.7	715.3	713.6	98	88	96	NE	1	S	1	N	o	10	10	8●	0.2	●° $9^1/_2{}^p$
8	10.7	12.9	8.8	10.8	−1.1	710.9	711.6	717.2	98	85	92	NW	1	NW	2	NW	2	10	10●	8	**13.7**	● 🌧 11^a–n
9	9.0	14.0	8.0	10.3	−1.4	719.0	719.2	720.7	93	70	86	NW	1	SW	1	N	o	9	9	1	.	●° n–$7^1/_4{}^a$
10	5.2	16.2	8.8	10.1	−1.4	720.5	719.0	720.1	98	60	86	NE	1	NE	1	N	1	4≡	2	2	.	≡ $6^3/_4$–9^a
11	6.3	10.9	8.6	8.6	−2.7	722.2	722.9	724.7	100	84	100	N	1	SE	1	N	o	10	10	6	0.9	≡° I, p ●°
12	8.2	16.7	8.8	11.2	0.0	726.5	726.7	728.0	98	**44**	82	NE	1	W	1	N	1	7	1	o	.	🌧 III
13	7.3	15.1	9.1	10.5	−0.5	728.4	727.7	**728.5**	85	58	71	NE	1	E	2	E	3	3	3	o	.	🌧 III
14	4.9	10.5	6.2	7.2	−3.6	728.3	**728.5**	727.9	84	58	71	E	2	E	3	NE	1	4	3	6	.	🌧 II, ≡° III–n
15	**2.8**	9.5	8.0	6.8	−3.8	725.6	724.3	724.1	98	76	97	NE	1	SW	1	NE	1	10	10	10●	3.0	≡° I, ● 5–$9^3/_4{}^p$
16	7.5	12.8	9.7	10.0	−0.5	725.1	724.6	726.0	90	71	78	NE	1	E	2	N	1	10	6	10	.	
17	8.2	10.2	8.0	8.8	−1.5	724.8	724.6	724.4	87	77	89	NE	1	E	1	N	1	10	10	10	.	
18	7.2	10.1	5.8	7.7	−2.4	724.3	723.8	723.4	91	81	98	NE	1	SW	1	NE	1	10	10	o	.	
19	6.2	8.7	6.9	7.3	−2.6	722.3	720.7	720.6	100	87	97	NE	1	SW	1	N	1	10≡	10	10	.	≡ n–$9^1/_2{}^a$, ≡°–II
20	6.5	8.5	5.7	6.9	−2.8	721.3	720.5	720.4	92	89	100	NW	1	SW	1	N	1	10	10	3	.	≡° n–II
21	5.4	8.2	7.0	6.9	−2.7	719.6	717.0	715.2	100	94	97	NE	1	S	1	NW	o	10≡	10	5	.	≡² n–$10^1/_2{}^a$, ≡°–n
22	6.9	17.8	9.0	11.2	1.8	714.6	713.8	717.2	98	66	96	N	1	SE	1	NW	1	7	7	2	0.3	≡° I, ●° 6–$6^3/_4{}^p$
23	8.3	14.1	10.6	11.0	1.8	720.4	721.6	723.5	100	77	96	NE	1	SW	1	NW	1	10	9	10	0.6	●° $5^1/_4{}^p$–n
24	9.0	15.1	9.2	11.1	2.1	725.1	725.0	725.5	100	78	95	W	1	SE	1	N	1	9≡	5	2	.	≡ n–$9^1/_2{}^a$, ≡°–II
25	6.7	11.0	9.0	8.9	0.0	725.1	723.4	721.9	100	94	95	NE	1	SE	1	NW	1	10≡	7≡	8	0.2	a ≡², ≡ II
26	9.1	13.8	10.8	11.2	2.5	719.9	718.2	720.0	98	83	100	NE	1	SW	1	N	o	10	8	5	0.7	●° n–$10^1/_2{}^a$, 5–6^p, ≡° III
27	8.2	13.1	9.0	10.1	1.6	720.1	718.6	717.4	100	84	95	E	1	SW	1	N	o	10≡	7	3	.	≡² n–11^a, ≡°–II
28	7.0	11.1	9.9	9.3	1.0	714.6	712.8	711.2	100	94	91	NE	o	E	1	N	o	10≡	8≡	10	.	≡² n–2^p, ∢ $9^1/_4$–10^p
29	8.4	15.4	13.5	12.4	4.3	710.8	711.0	**710.7**	97	67	66	SW	1	SW	1	NW	2	5	9	3	1.5	≡° I, ∢ $9^1/_2{}^p$, n ●
30	10.2	11.4	8.6	10.1	2.2	713.7	716.1	718.9	100	95	97	SW	1	SW	o	NW	1	9	10●	5	1.6	● 11^a–p
31	7.2	12.7	7.6	9.2	1.5	721.0	721.7	721.8	100	78	95	NE	1	S	1	N	1	10≡	3	4	.	≡² 7–10^a
																					Summe	
Mittel	8.0	12.9	9.3	10.1	—	720.1	719.7	720.3	96	78	91							8.9	7.7	5.9	34.6	

Oktober 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05\,^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	9.4	13.7	9.7	10.9	−1.1	719.5	719.2	719.1	96	74	97	E o	N o	NE o-1	10	10	o	.	
2	7.8	17.9	9.8	11.8	0.0	722.2	722.2	723.5	99	55	94	E o	W o-1	NE o	2	2	o	.	
3	9.8	17.6	10.2	12.5	0.8	723.8	724.6	723.2	96	59	98	E o	NW 2	N o	3	8	o	.	
4	9.8	13.4	11.8	11.7	0.2	720.7	719.7	717.2	100	84	99	E o	E o	NW o	10	9	10	1.8	● $6^3/_4$p–III
5	11.4	14.4	11.1	12.3	0.9	715.5	**712.3**	716.5	100	75	98	E o	N 1	NE o	10	10	10	**16.3**	●
6	10.2	14.2	11.4	11.9	0.7	717.2	718.7	717.7	90	62	98	E o-1	NE o	NW o-1	10	10	10	.	
7	8.9	20.2	18.8	16.0	5.0	717.7	717.4	716.3	100	31	35	E o	E 3	S 1–2	10	4	6	.	$\swarrow$ $9^1/_4$a–n
8	15.9	21.0	9.9	15.6	4.7	713.8	713.2	719.4	54	40	99	SE o-1	W o	SE o-1	10	10	10	15.7	●° l, ● $3^1/_4$p–n
9	7.9	15.0	11.2	11.4	0.7	721.4	722.2	723.2	100	50	92	E o	W 1	SE o	7	2	10	.	
10	9.0	14.4	8.3	10.6	0.1	723.2	721.7	722.6	97	55	98	E o	NW 1	S o	7	1	o	.	
11	5.0	13.0	10.3	9.4	−1.0	723.5	725.8	727.1	100	69	100	SE o	N 1	NE o-1	1	3	10	3.8	△^{2} l, n ●
12	9.8	15.3	9.8	11.6	1.4	728.9	728.6	730.4	100	58	80	E o	NW 1-2	NE o	7	4	5	.	
13	6.0	13.6	7.8	9.1	−0.9	731.3	730.8	731.5	100	55	97	NE o	N 2	E o	0	4	10	.	
14	5.8	9.6	5.4	6.9	−3.0	731.1	**731.9**	730.0	87	60	94	SE o	N o	SE o	9	1	2	.	≡° l
15	4.8	9.8	9.7	8.1	−1.6	727.8	727.1	727.0	90	70	77	SE o	E o	SW o	10	10	10	0.1	p ≡° ●°
16	7.9	12.4	9.8	10.0	0.4	727.8	728.1	728.4	93	62	94	SE o	NW 1	SE o	9	1	o	.	
17	7.5	11.4	4.8	7.9	−1.5	727.0	727.1	726.8	84	63	99	SE o-1	NW o	SE o	8	o	o	.	≡° III
18	6.9	10.0	4.8	7.2	−2.1	726.7	726.1	726.0	94	80	99	E o	N o	SE o	10	o	o	.	≡ I
19	**2.9**	10.2	4.7	5.9	−3.2	724.6	723.2	723.0	100	79	100	NE o	N o	NE o	o	o	o.	.	
20	3.3	9.6	4.5	5.8	−3.1	724.1	723.2	723.1	100	70	98	N o	N o	SE o	10	o	o	.	≡° I
21	3.6	19.6	17.4	13.5	4.8	722.4	718.2	718.7	100	**20**	29	E o	SE 3-4	S 4	5	o	1	.	$\swarrow$ 10^s–n
22	18.0	17.6	16.9	17.5	8.9	717.5	719.1	719.0	32	31	32	SSW 4	S 3–4	S 4	7	6	o	.	$\swarrow$
23	8.8	17.6	9.6	12.0	3.6	722.8	723.3	726.0	99	40	93	E o-1	NW 3	NW o	2	1	10	.	$\swarrow$ $9^1/_4$a–$5^1/_4$p
24	10.2	14.6	8.7	11.2	3.0	727.5	727.7	727.8	95	62	94	E o	E o	SE o	10	5	o	.	
25	5.8	13.6	8.9	9.4	1.4	727.4	726.2	724.8	99	70	94	SE o	N o	NE o-1	1	o	o	.	
26	20.6	21.9	19.6	20.7	12.8	721.9	720.3	721.6	26	27	32	S 3	S 3-4	S 3-4	4	10	4	.	$\swarrow$ $3^1/_2$a–n
27	8.6	16.6	19.0	14.7	7.0	722.5	720.5	719.6	100	45	34	SE o	SE 2	S 2–3	1	5	o	.	$\swarrow$ $o^1/_2$p–n
28	19.9	**22.6**	19.6	20.7	13.2	717.3	716.0	714.4	31	30	36	S 3	E 2–3	SW 2–3	10	5	5	.	$\swarrow$ ●°
29	18.7	20.0	19.2	19.3	11.9	713.8	714.3	712.9	35	30	30	S 3	E 3	S 3	8	6	o	3.2	$\swarrow$, n ●
30	11.6	14.9	8.8	11.8	4.6	716.2	718.2	721.3	90	69	94	E o	NE o	SE o	10	7	o	.	
31	6.4	13.6	7.1	9.0	1.9	723.4	724.6	724.4	98	60	95	E o	N o	NE o	o	1	o	.	
																		Summe	
Mittel	9.4	15.1	10.9	11.8	—	722.6	722.3	722.7	87	56	81				6.5	4.4	3.6	40.9	

Oktober 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02\,^m/_m$.

1	10.2	15.0	12.3	12.1	−0.3	723.7	722.8	724.2	97	73	85	ENE 1	NNE 1	NNW 1	10	6	o	1.4	● $5^3/_4$, $7^1/_2$p
2	8.0	16.6	13.7	12.3	0.1	726.8	727.1	728.2	96	59	88	NNW o	NNW 1	NNW o	5	7	10●	0.3	a △^{2}, ●° 6p–III
3	12.3	17.0	13.5	14.2	2.1	729.0	728.4	727.4	93	64	93	N o	N 1	ESE 1	9	2	5	0.5	a △, n ●°
4	11.9	14.7	13.1	13.0	1.1	725.0	723.4	721.5	97	88	98	SSW o	ENE o	E o	10●	10●	10	8.2	● $7^1/_2$a–n
5	12.3	13.8	11.4	12.3	0.6	719.7	719.8	721.5	95	94	88	ESE o	SSW o	NNE o	9	9	10●	25.6	●^{2} $8^1/_2$a–1, $5^1/_2$p–n, ⚿ $5^1/_4$p
6	9.5	14.0	11.2	11.3	−0.3	721.3	721.4	722.5	87	65	98	NE o	NNE 1	SW 1	9	8	10●	2.7	● $4^1/_2$, $7^1/_2$, $9^1/_2$p
7	9.9	14.3	12.4	11.9	0.5	722.3	721.5	719.9	98	75	97	SSW o	NNE 1	SE o	9	8	10●	1.8	● $7^3/_4$, $9^1/_2$p, n
8	11.5	11.3	7.5	10.3	0.1	**717.0**	719.6	724.6	98	94	98	SSW 1	SSW 2	SE o	10●	10●	o	**35.4**	●^{2} n–$7^1/_4$p, $\swarrow$ II
9	7.6	17.8	9.0	11.1	0.1	726.5	726.1	727.5	98	**49**	91	SE o	SW 1	S 1	6	6	o	.	a △^{2}
10	4.4	14.0	8.2	8.8	−2.1	727.0	725.9	727.2	96	67	93	SSW 1	NNW 1	SSW 1	o	2	o	.	a △^{2}
11	4.8	12.9	10.7	9.3	−1.4	729.0	729.7	731.9	99	81	97	SW o	NNE o	SSW 1	10≡	9●	1	0.6	a △^{2} ≡, ●° II
12	5.4	15.4	12.2	11.0	0.5	733.7	733.5	734.0	100	59	63	SSW 1	N 1	NE 1	8	2	o	.	a △^{2}
13	4.9	14.5	10.2	9.8	−0.6	734.9	734.0	734.6	96	61	67	SSW 1	NNE 2	N 1	2	1	o	.	a △^{2}, $\swarrow$ $10^1/_2$a–$4^1/_2$p
14	8.5	10.1	8.0	8.9	−1.3	734.4	734.9	**735.0**	78	67	75	NNE 2	NE 2	N 1	8	5	o	.	$\swarrow$ n–II
15	**3.0**	10.6	9.1	7.3	−2.7	732.9	731.2	731.0	93	69	92	SSW 1	NNE 1	SE 1	8	9	10	0.3	a △°, ●° $7^1/_2$p
16	8.8	12.4	8.8	9.9	0.1	731.3	731.2	733.2	84	65	86	ENE 1	NNE 1	NE 1	5	4	1	.	
17	10.1	12.3	8.6	10.0	0.4	731.4	730.9	731.4	80	65	89	N 1	NNE 1	NNW 1	10	2	o	.	a △°
18	7.2	10.5	6.8	7.8	−1.7	731.3	730.6	730.5	94	82	98	SW 1	E 1	W o	10	8	10≡	.	≡ III–n
19	6.3	9.5	6.1	7.3	−2.0	729.1	727.7	727.6	98	**87**	100	SE 1	W 1	SSW o	10≡	10≡	10≡	0.4	≡
20	5.6	8.6	7.0	6.8	−2.3	728.4	727.4	727.2	99	92	99	SW 1	SW 1	SE 1	10≡	8	10≡	.	a △^{2}, ≡ I, $7^1/_2$p–n
21	5.8	9.2	8.7	7.2	−1.7	726.2	723.4	721.7	100	88	95	SSW o	NNW 1	SE 1	10≡	8	9	0.3	a △^{2} ≡
22	9.1	**18.0**	9.8	11.0	2.3	720.4	720.4	723.9	98	62	90	ENE 1	SW 1	SSW o	4	4	o	2.1	a △, ● $2^1/_2$p
23	5.3	13.5	10.4	9.6	1.0	727.0	728.6	730.4	97	71	93	SSW 1	NNE 1	S o	7	6	10	.	
24	8.0	14.6	9.8	10.8	2.4	732.0	731.7	732.0	94	73	94	SE 1	NNE 1	SW 1	10	4	2	.	△ a, III
25	4.9	10.8	9.6	9.0	0.8	731.9	730.0	728.9	99	98	92	SSE 1	N 1	SSW o	3	7	10	.	a △
26	9.6	15.9	11.4	11.9	3.9	726.8	725.2	726.6	96	75	97	SSW 1	W 1	SSE 1	9	8	o	1.2	a △, ● 1, $3^3/_4$p, n
27	6.9	13.7	9.8	10.9	3.0	726.7	724.9	724.0	99	85	94	SSW 1	NE 1	SSE 1	9	2	2	.	a △
28	6.0	13.3	11.7	10.0	2.3	720.9	718.9	718.0	99	81	93	SSW 1	NNW 1	WNW 1	10	8	10	0.8	a △, n ●°
29	9.7	14.9	12.4	12.6	5.1	717.1	717.2	718.6	96	75	86	W o	NNE o	W 1	7	10	10●	3.9	● $7^1/_4$p–n
30	8.9	16.3	9.8	11.7	4.3	720.8	722.6	725.7	97	59	87	SSW 1	S 1	SE o	4	4	o	.	
31	5.2	12.8	8.0	8.6	1.5	727.9	728.1	728.6	98	74	94	SSE 1	N 1	SW o	7	2	o	.	a △
																		Summe	
Mittel	7.8	13.5	10.0	10.3	—	726.8	726.4	727.1	95	74	88				7.7	6.1	4.8	85.5	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35}p.

$\lambda = 8° 33'$, $\beta = 47° 23'$,
$Hb = 493.2^m$, $G = 0.08\,{}^m/_m$.

Zürich.

Oktober 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	8.9	13.9	10.6	11.1	−0.4	717.0	716.2	716.4	100	77	99	NE o	NW o	NE o	10	10	10	.	≡° I
2	9.2	18.8	12.2	13.4	2.1	719.3	719.6	720.4	100	62	97	E o	NE 1	NE 1	7	1	2	.	≡ n–I
3	11.4	17.0	11.5	13.3	2.2	721.4	721.2	720.4	98	66	94	E 1	W 1	E o	4	8	o	.	
4	8.5	14.6	12.0	11.7	0.7	718.1	716.0	714.2	99	81	99	NE o	N 1	SW 1	8	10	10●	**6.9**	≡° I, ● 3–10½, 11½p
5	12.0	16.5	11.6	13.4	2.6	712.3	711.9	714.0	98	67	98	S 1	NW 1	SW o	9	9	8	2.9	●1½–2¼, 3³/₄–5, 6– *)
6	9.0	14.0	11.4	11.5	0.9	714.3	714.9	715.0	100	73	95	E 1	NW o	N o	5	8	10●	1.0	● 1³/₄–4¼, 11½–1¼, 9–
7	9.8	16.6	11.4	12.6	2.2	715.2	714.4	713.2	99	69	98	E 1	E o	NE 1	9	6	6	0.1	[10½p
8	11.6	16.8	8.8	12.4	2.2	710.8	710.6	716.3	96	67	90	E o	NW 1	SW 1	9	8	10●	5.3	●° 10¼–11a, ⸗ ● 3½p–n
9	9.9	14.6	9.9	11.5	1.5	718.2	718.6	720.3	75	49	94	W 1	SW 2	N o	7	4	10	0.1	⸗
10	6.6	15.4	9.0	10.3	0.4	720.3	718.8	719.8	100	55	90	NE o	NE 1	W 1	10≡	2	6	.	≡ n–9a
11	6.9	10.1	9.5	8.8	−0.9	721.5	722.3	723.8	100	81	100	NE 1	NW o	E o	10	10	8	0.7	≡° I, ●° 4–6p
12	9.2	16.1	8.0	11.1	1.6	725.7	726.1	727.7	96	48	90	NE 1	NW 2	N o	3	2	4	0.1	p ⸗
13	6.2	14.8	8.2	9.7	0.4	728.4	727.9	**729.0**	98	**47**	87	NE o	E 1	NE 2	4	4	3	.	⸗ III
14	4.2	10.2	3.4	5.9	−3.2	728.6	728.8	727.4	89	57	84	E 1	NE 2	NW 1	8	2	1	.	p ⸗
15	**2.6**	9.0	6.0	5.9	−3.1	724.6	723.4	724.3	100	70	98	E 1	S 1	W 1	10	9	6●	1.0	≡° ⌙ I, ●° 5½–10p
16	6.0	11.4	8.2	8.5	−0.3	724.9	724.7	725.9	99	70	85	E 1	NE 1	NE 2	3	8	10	0.1	⸗ III
17	8.0	8.3	7.6	8.0	−0.6	724.4	724.3	723.9	86	85	94	NE 1	NW 1	NE o	9	10	10	.	
18	7.0	13.3	5.6	8.6	0.1	723.5	722.9	722.8	95	63	100	W 1	W 1	W o	10	o	2	0.1	
19	3.0	9.0	5.0	5.7	−2.6	721.8	720.0	719.9	100	81	100	W o	NW 1	NW o	10≡	4	10≡	0.3	≡ a, III–n
20	3.7	11.6	6.0	7.1	−1.0	720.7	720.0	719.7	100	70	98	W o	NW 1	NE o	10≡	1	3≡	0.2	≡ a, III–n
21	3.0	9.2	6.8	6.3	−1.6	719.2	716.4	714.9	100	80	96	NE 1	NW 1	SE o	10≡	3	10	0.1	≡ n–11a, ≡° III
22	6.4	13.6	8.9	9.6	1.9	714.7	713.7	716.7	99	74	96	N o	W 1	E o	8	5	2	0.1	≡° 8a
23	9.0	15.0	9.2	11.1	3.6	720.3	720.4	722.9	99	65	96	E o	NE 1	NE o	10	4	10	0.4	≡° I
24	9.0	16.3	9.4	11.6	4.3	724.5	724.4	724.9	100	62	95	W 1	SW 1	NE o	10●	4	o	0.1	●° 6¼–8½a
25	5.3	17.8	8.7	10.6	3.5	724.5	722.7	721.9	100	57	99	N 1	W 1	NE o	8≡	o	1	0.1	≡ I
26	6.6	13.9	12.6	11.0	4.0	719.5	717.7	719.1	100	80	82	W o	SW 1	NE 1	10≡	10	2	0.1	≡ I, ◑° 9¼–9½a
27	8.0	**20.4**	10.4	12.9	6.1	719.7	717.7	716.8	99	53	96	SE 1	NE o	NE o	1	2	2	.	
28	6.4	14.0	14.2	11.5	4.9	714.2	712.7	711.4	99	67	66	NE o	NW o	SE 1	8	8	10	.	
29	11.0	17.6	12.0	13.5	7.1	711.1	710.1	**709.6**	84	60	85	E o	W 1	N 1	7	6	10	.	
30	10.0	13.7	8.3	10.7	4.5	713.5	715.5	718.2	95	71	95	NE 1	W 1	NE 1	8	9	4	0.2	●° 10¾–11p
31	4.4	15.4	6.6	8.8	2.7	720.2	720.8	721.3	100	64	98	E o	NE o	W o	4≡	1	2	.	≡ I
Mittel	7.5	14.2	9.1	10.3	—	719.8	719.2	719.7	97	67	93				7.7	5.4	5.9	Summe 19.9	*) **5.** 6½a, 3¼–4¾p

$\lambda = 8° 30'$, $\beta = 47° 3'$,
$Hb = 1787.3^m$, $G = -0.11\,{}^m/_m$.

Rigi-Kulm.

Oktober 1913.
Beobachter: Frl. *H. Bütikofer. M. Bissig.*

1	7.0	10.0	6.8	7.9	2.9	613.3	612.8	612.7	60	55	55	SE 4	S 2	SE 4	7	8	o	.	⸗ n–I, III
2	6.4	9.8	5.6	7.3	2.4	615.9	616.5	617.5	55	60	82	SW 1	SE 3	S o–1	o	o	o	.	⸗ II
3	7.8	10.6	6.2	8.2	3.4	617.8	618.0	617.8	62	60	67	SW 1	S 1	W 1	7	4	o	.	
4	6.2	5.2	5.0	5.5	0.9	614.8	613.3	611.6	77	100	100	NE 2	N 1	W 1	9	10≡	10●	5.4	≡ II, p ●
5	4.4	5.5	3.0	4.3	−0.2	609.8	609.5	610.4	100	100	100	W 2	W 2	W 3	10≡	10≡	10●	14.3	≡ n–II, p ●, ⸗ III
6	3.0	8.0	6.0	5.7	1.3	610.5	611.5	612.2	50	50	64	W 2	SE 1	SE 3	6	10	10	.	⸗ III–n
7	6.4	10.0	8.6	8.3	4.1	612.2	612.3	611.5	55	44	45	SE 4	SE 4	SE 4	10	10	3	.	⸗
8	9.0	7.6	0.8	5.8	1.8	609.2	609.3	611.5	50	75	100	SE 4	W 3	W 3	10	7	10●	**20.2**	⸗ n–I, ⸗, ✳ 7–9p, ●–n ⊠
9	0.3	3.0	1.8	1.7	−2.2	613.6	614.4	615.7	100	98	100	W 4	W 2	W 1	10	7	10	.	⸗ n–I
10	1.0	5.4	5.4	3.9	0.2	615.2	614.8	615.6	100	89	43	SE 1	SE 1	W 2	10≡	o	o	.	≡ I
11	4.2	8.8	5.2	6.1	2.5	616.7	618.1	619.6	72	40	85	W 2	W 2	W 3	o	7	10●	6.8	● ⸗ III–n
12	3.0	4.2	0.4	2.5	−0.9	620.3	**621.9**	**621.9**	100	100	95	W 3	W 2	W 1	10≡	10≡	3	.	⸗ I, ≡ n–II
13	**−0.2**	2.0	0.6	0.8	−2.5	621.8	621.5	**621.9**	98	100	100	NE 1	W 2	W 3	o	10≡	10≡	.	p ≡, ⸗ III
14	0.4	1.8	6.0	2.7	−0.4	620.7	621.2	620.8	25	31	12	NE 1	SE 3	SE 4	o	o	o	.	p ⸗, ⸗ III
15	7.2	7.0	0.8	5.0	2.0	619.6	618.7	617.9	**7**	**7**	97	SW 1	SW 1	W 2	7	10	10	0.4	●° III
16	0.4	4.4	5.2	3.3	0.5	618.2	618.4	619.5	100	71	41	E 1	SE 1	E 2	5	1	1	.	
17	7.0	10.4	8.9	8.8	6.1	618.7	618.6	619.0	24	16	25	E 4	S 1	W o	o	o	1	.	⸗ I
18	9.2	11.5	7.5	9.4	6.9	618.9	619.0	619.1	21	27	29	W o	S o–1	S o	o	1	o	.	
19	7.2	10.4	7.7	8.4	6.1	617.5	616.5	616.4	31	38	39	S 1	S 1	S o	1	1	1	.	
20	5.6	8.4	7.7	7.2	5.0	616.4	616.3	616.2	38	43	40	NE o	S o	S 4	o	o	o	.	⸗ III–n
21	5.6	10.5	8.5	8.2	6.2	614.8	613.5	612.6	34	25	39	S 4	S 4	S 4	2	3	5	.	⸗
22	7.4	9.6	5.4	7.5	5.6	612.0	610.2	613.1	45	44	45	S 4–5	S 4–5	S 2	7	5	o	.	⸗ n–p
23	4.6	9.0	6.2	6.6	4.8	615.1	616.6	618.6	66	45	52	SE 4	S 1–2	W o	1	3	10	.	⸗ I
24	7.0	8.9	7.8	7.9	6.3	620.2	620.7	621.1	64	75	84	NW 1	SW 1	SW 2	8	3	1	.	●° 6¼a
25	9.6	**14.4**	11.0	11.7	10.2	621.0	620.7	620.2	40	27	30	NW o	W 1–2	S 4	o	o	3	.	⸗ III–n
26	10.4	11.8	8.0	10.1	8.7	617.3	615.8	616.5	31	33	60	SE 4	SW 4	SE 3	10	10	3	.	⸗, ⸗ III–n
27	6.6	10.2	7.4	8.1	6.9	616.4	615.2	614.4	66	51	63	SE 3	S 4	S 4	3	3	1	.	⸗ I, ⸗
28	9.4	11.4	9.6	10.1	9.0	612.0	611.7	610.8	41	44	50	S 4	SE 4	S 4	9	**7**	3	.	⸗
29	7.6	10.2	7.8	8.5	7.5	609.2	609.2	**608.4**	54	50	48	S 4	SE 4	S 4	7	7	5	.	⸗
30	4.0	3.2	3.0	3.4	2.6	610.2	612.2	614.2	100	100	95	NW 1	NW o	NW o	7	10	3	3.6	△ 2p, ●–2½p
31	1.8	6.6	4.6	4.3	3.6	615.7	616.7	617.4	76	68	47	NW o	SW 1–2	SW o	1	o	o	.	
Mittel	5.5	8.1	5.7	6.4	—	615.6	615.7	616.0	59	57	62				5.1	5.1	4.0	Summe 50.7	

Oktober 1913. **Bevers.** $\lambda = 9° 53'$, $\beta = 46° 33'$,
Beobachter: *J. Camenisch.* $Hb = 1712.6^m$, $G = -0.12\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	0.0	11.6	6.0	5.9	0.8	620.1	619.4	620.9	98	61	88	W 0	S 3	W 2	10≡	8	3	.	≡ I, 🌧 II
2	3.5	11.4	3.6	6.2	1.3	622.5	622.8	624.3	98	57	85	W 0	W 1	NE 1	8	5	0	.	
3	1.0	12.0	6.4	6.5	1.7	624.9	623.8	624.0	97	51	86	W 0	SW 2	NE 1	3	3	10	.	
4	5.0	8.6	4.2	5.9	1.3	621.6	620.5	617.3	97	75	91	W 0	W 1	SW 1	10	10●	10●	13.2	p n●
5	0.8	8.4	5.0	4.7	0.3	615.7	**615.0**	616.3	100	78	90	W 0	S 2	NE 1	10≡	9	3	4.0	≡ I, n●
6	3.8	7.8	4.9	5.5	1.3	616.7	617.6	619.0	98	70	85	S 1	SW 2	W 1	10	10	8	1.2	a●°, n●
7	4.4	10.4	7.6	7.5	3.4	619.9	620.0	620.6	96	67	76	N 0	S 1	W 3	10	10	10	3.0	●° 🌧 III, n●
8	6.0	11.2	6.5	7.9	4.0	617.8	616.6	615.6	94	66	96	SE 1	SW 2	NE 1	10	10	10●	**40.3**	●² 5P–n, 🌧 10–11P, n ✳
9	0.0	5.6	−1.1	1.5	−2.2	618.9	619.5	621.2	100	65	91	N 1	NE 1	N 1	2	2	1	.	✳
10	−4.0	9.4	0.0	1.8	−1.7	621.0	620.3	621.8	95	50	87	SE 0	SW 1	W 1	1	0	1	.	
11	−3.2	11.8	3.8	4.1	0.8	623.0	623.0	625.1	94	43	87	W 0	S 1	W 1	0	2	6	.	
12	−1.7	8.8	3.6	3.6	0.4	625.7	625.1	626.4	96	42	54	W 1	W 2	NW 1	3	3	6	.	
13	−0.2	6.3	2.5	2.9	−0.1	626.5	626.0	626.6	80	50	63	SW 1	W 2	NE 1	10	5	7	.	
14	−3.4	7.8	−2.5	0.6	−2.2	626.8	626.3	627.6	81	27	67	N 0	N 1	N 1	0	0	0	.	
15	**−5.8**	11.8	6.7	4.2	1.6	624.6	622.7	622.3	82	**25**	33	N 1	W 0	W 3	0	10	8	.	🌧 III
16	−2.4	11.0	−0.6	2.7	0.3	624.4	623.7	626.1	85	45	85	W 1	N 1	N 1	0	0	0	.	
17	−4.2	13.2	0.6	3.2	1.0	625.7	624.5	625.6	95	34	70	W 0	S 1	W 1	0	0	4	.	
18	−3.0	14.0	−0.1	3.6	1.6	625.4	624.3	625.1	86	34	72	W 0	S 2	W 2	0	0	0	.	
19	−3.8	13.2	0.2	3.2	1.3	624.3	622.1	622.9	80	33	72	SW 0	SW 1	NE 1	1	0	0	.	
20	−2.8	11.8	0.8	3.3	1.6	623.0	621.9	623.5	88	39	75	SW 0	SW 2	N 1	0	0	0	.	
21	−4.4	10.6	3.6	3.3	1.8	623.3	621.9	622.6	95	34	66	S 1	SW 2	W 1	4	2	3	.	
22	0.2	7.5	4.4	4.0	2.7	621.8	621.5	622.0	89	51	84	S 1	S 2	W 3	6	10	10	.	🌧 III
23	4.4	10.4	0.8	5.2	4.1	624.0	624.3	626.4	94	51	88	W 0	SW 2	N 1	7	2	0	.	
24	−2.2	13.5	1.7	4.3	3.4	626.4	625.9	627.2	95	45	75	SW 1	W 2	W 1	10	9	0	.	
25	−2.6	**14.4**	1.9	4.6	3.9	**627.9**	626.2	627.6	90	38	76	N 1	SE 1	E 1	0	0	0	.	
26	−0.2	12.7	6.2	6.2	5.7	626.0	624.3	624.9	91	45	86	SW 1	SW 2	NE 1	6	10	10	0.5	p 🌧
27	4.6	8.0	5.0	5.9	5.6	623.8	623.0	622.8	97	83	90	N 0	S 1	W 2	9	10≡●	0	1.6	●° n–I, ● ≡ II
28	2.1	8.2	6.2	5.5	5.4	622.0	620.4	619.2	94	77	95	S 0	S 0	W 3	10	10●	10●	13.2	p●, 🌧 III–n
29	4.2	7.8	7.1	6.4	6.4	618.0	617.6	617.3	91	75	71	S 2	SE 1	N 4	10●	8	2	15.5	● n–I, n, 🌧 III
30	1.6	7.6	2.7	4.0	4.2	616.9	618.6	619.9	87	69	89	N 1	SW 0	W 1	10	10	10	0.1	
31	3.2	8.2	−1.3	3.4	3.8	621.7	622.5	624.7	91	54	86	W 1	SW 1	N 1	5	2	0	.	
																		Summe	
Mittel	0.0	10.2	3.1	4.4	—	622.6	622.0	622.8	92	53	79				5.3	4.9	4.3	92.6	

Oktober 1913. **Sitten.** $\lambda = 7° 21'$, $\beta = 46° 14'$,
Beobachter: *Couvent des Capucins.* $Hb = 540^m$, $G = 0.00\,{}^m/_m$.

1	9.1	17.9	12.0	13.0	0.7	712.5	710.6	713.0	80	58	93	S 0	W 1	SE 0	8	9	10	.	⊿ I
2	8.4	18.4	12.4	13.1	1.0	715.0	714.7	716.5	100	51	78	SE 0	S 1–2	N 0–1	2	5	3	.	⊿ I
3	10.3	19.4	12.7	14.1	2.1	717.6	716.3	716.3	85	56	75	E 1	SW 1	E 0	3	7	0	.	⊿ I
4	10.3	13.3	11.3	11.6	−0.2	713.6	711.4	710.2	98	96	100	SW 0	S 0	SE 0	10	10●	2	0.3	●° 0–I ½P
5	10.4	13.8	11.3	11.8	0.1	708.1	707.6	709.7	100	88	85	S 0	SW 0	SW 1	10≡	10●	9	1.5	≡ I, ● I ¼P–p
6	9.5	16.2	11.4	12.4	0.9	710.2	710.2	711.8	82	50	100	E 0–I	S 0	— 0	10	8	10●	0.8	●° III
7	8.4	18.9	16.4	14.6	3.3	711.6	709.8	708.6	99	41	55	E 0–I	S 0–1	SE 0	10	5	6	.	
8	13.2	17.3	9.3	13.3	2.2	707.9	706.5	712.3	70	64	93	E 1	NW 3–4	W 0–I	10	10	8	5.9	p 🌧, ● 3½P–p
9	5.6	14.0	9.2	9.6	−1.3	715.3	713.7	715.8	95	60	73	E 0	SW 1	NE 1–2	2	2	0	.	⊿ I
10	5.3	14.7	9.7	9.9	−0.9	715.4	713.2	715.9	96	48	81	E 0–I	SW 0–I	NE 1	0	0	0	.	⊿ I
11	9.8	15.4	12.1	12.4	1.8	716.9	716.6	719.2	92	51	81	SE 0	SW 1	E 0–I	5	6	8	.	⊿ I
12	7.2	15.6	9.6	10.8	0.4	721.8	720.0	721.8	100	61	70	E 0	SW 1–2	NE 0	2	6	0	.	⊿ I
13	5.2	14.7	9.1	9.7	−0.5	722.4	720.7	721.7	91	59	76	E 0–I	S 1	E 0–I	0	0	1	.	
14	5.2	13.2	6.5	8.3	−1.7	722.1	721.0	**722.8**	96	52	92	SE 0	SW 1–2	NE 0–I	1	0	0	.	⊿ I
15	**2.9**	10.9	9.1	7.6	−2.3	720.6	718.6	718.4	98	60	79	E 0	SW 0–I	E 0	1	10	9	.	⌊° I, ≡° II, ●° 10P
16	4.7	14.5	8.7	9.3	−0.4	718.8	718.1	720.4	99	51	87	S 0	SW 1	N 1	2	0	0	.	≡° ⊿ I
17	3.0	13.4	7.9	8.1	−1.4	719.5	717.5	719.7	100	58	92	SE 0–I	SW 0–I	E 0	0	0	0	.	⌊ ⌊ I, ≡°
18	4.4	14.2	7.4	8.7	−0.6	718.6	718.0	720.5	86	52	90	E 0	SW 0	E 0	0	0	0	.	⌊ ⌊ ≡° I
19	3.2	14.2	8.0	8.5	−0.6	718.0	716.3	716.7	89	45	80	E 0	SW 1	SE 0	0	0	0	.	⌊ ⌊ I
20	3.1	13.4	9.2	8.6	−0.3	717.1	715.0	716.0	84	44	65	E 0	SW 2	SE 0	0	0	0	.	⌊ I
21	8.4	18.0	9.3	11.9	3.1	714.9	712.2	713.2	52	48	47	E 1	SW 1	E 0	3	4	0	.	⊿ I
22	10.3	17.4	9.9	12.5	3.9	711.2	709.8	714.4	61	39	69	SW 0	E 4	E 0	4	5	0	0.2	🌧 11ª–8P, ●° 6¼P
23	9.6	17.4	12.6	13.2	4.8	715.1	715.2	719.0	66	44	56	NE 0–I	NW 2–3	E 0	0	6	3	.	🌧 II
24	8.5	16.0	11.0	11.8	3.6	720.5	718.7	720.0	75	50	70	E 0–I	S 0–1	E 0	8	4	0	.	
25	8.2	18.9	13.3	13.5	5.5	720.8	717.6	718.1	85	39	51	E 0	E 0	E 1	0	0	0	.	
26	15.0	**23.0**	15.1	17.7	9.8	716.0	712.7	715.2	48	**31**	49	E 1	E 2–3	W 0	10	5	1	.	🌧 II
27	9.7	19.6	13.2	14.2	6.5	714.9	712.2	713.1	69	48	56	E 0	S 0–I	E 0	6	4	0	.	
28	12.9	20.5	14.8	16.1	8.6	710.4	708.6	708.9	57	40	60	S 0	E 3	E 1–2	9	9	3	.	p n 🌧, ●° 10P
29	13.2	18.6	14.5	15.4	8.1	708.4	**705.9**	706.5	69	48	61	E 0–I	E 3–4	E 1–2	7	6	3	**11.0**	🌧 II, n●
30	9.4	14.0	10.8	11.4	4.3	709.3	710.5	714.0	88	62	90	SE 0	S 0	N 0	9	6	4	0.9	a●°
31	8.0	14.0	10.9	11.0	4.1	716.0	716.2	717.8	94	45	85	E 0	S 0	SE 0	8	2	4	.	
																		Summe	
Mittel	8.1	16.2	10.9	11.7	—	715.5	714.0	715.7	84	53	75				4.5	4.5	2.7	20.6	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

Oktober 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	12.0	15.8	12.0	13.3	−1.3	737.3	737.5	738.2	92	83	92	N o	SE o	N o	8	10	10	9.4	p ●°, n ●
2	12.6	18.2	12.0	14.3	−0.1	739.9	741.1	741.7	97	80	96	N o	W o	NW o	10	5	2	7.2	a ●
3	13.2	18.6	13.8	15.2	1.0	742.8	741.9	741.4	94	82	91	NW o	W o	NW o	8	10	0	0.8	
4	13.2	13.6	13.0	13.3	−0.7	738.8	736.5	733.6	99	96	98	NNW o	W o	W o	10●	10●	10●	27.9	●² I–o$^1/_2{}^a$
5	12.2	15.6	13.6	13.8	0.0	731.6	731.4	732.5	97	95	95	W o	E o	NW o	10	10●	10	43.5	●° a–II, n ⊼² ●²
6	12.6	15.8	12.6	13.7	0.1	733.4	734.9	735.8	94	84	97	NW o	N o	NW o	10	10	10●	10.9	● $8^1/_4$–$11^1/_2{}^p$
7	12.6	16.2	13.8	14.2	0.8	737.5	738.0	738.0	97	82	97	NNW o	NNE o	NW o	10	10	10●	2.3	p ●°, n ●
8	14.6	16.2	15.0	15.3	2.1	733.7	733.3	**730.7**	90	92	94	E o	N o	ESE 2	10	10●	10●	**77.4**	●° II, ↙^{m} III, ⊼² ●² $7^1/_2{}^p$– [$3^1/_2{}^a$
9	10.2	20.0	10.0	13.4	0.4	733.0	734.9	735.9	93	76	92	N o	SE o	N o	o	o	o	.	
10	8.4	19.8	11.6	13.3	0.5	737.3	737.3	738.3	85	**60**	94	N o	SE o	NW o	o	o	10	.	
11	8.6	19.2	13.8	13.9	1.3	740.4	740.7	742.6	94	70	95	N o	S o	NW o	8	3	6	.	
12	10.0	18.4	10.0	12.8	0.4	743.6	742.3	742.6	93	79	94	N o	SE o	N o	4	6	o	.	
13	7.8	**20.2**	9.2	12.4	0.2	743.5	742.4	743.0	84	64	84	N o	SE o	N o	o	o	o	.	
14	10.2	10.4	6.2	8.9	−3.1	747.9	747.7	**748.5**	81	72	89	SW o	S o	N o	10	10	o	.	↙^{m} $1^1/_2$–3^a
15	5.4	12.4	7.8	8.5	−3.3	745.7	742.5	740.2	86	72	97	NNW o	S o	N o	10	10	10	.	
16	5.2	15.6	8.0	9.6	−2.0	742.7	742.4	744.0	95	64	89	N o	E o	N o	o	o	o	.	
17	**4.4**	15.0	8.2	9.2	−2.2	745.4	744.4	744.1	86	69	90	N o	E o	N o	o	o	o	.	
18	5.2	15.2	9.0	9.8	−1.4	744.0	743.3	742.5	95	71	86	N o	SE o	N o	o	o	o	.	
19	6.6	16.2	8.4	10.4	−0.6	741.6	740.0	740.4	83	66	96	N o	SSW o	N o	o	o	o	.	
20	5.4	16.0	8.8	10.1	−0.7	740.7	740.1	741.8	94	71	96	N o	SSE o	N o	o	o	o	.	
21	5.4	15.8	10.6	10.6	0.0	741.7	740.7	741.0	92	68	90	N o	SE o	NNW o	o	o	10	.	
22	10.4	14.0	10.0	11.5	1.1	740.8	741.0	741.5	94	80	97	N o	SE o	SW o	10	10	10●	4.8	● $8^1/_4{}^p$–n
23	9.8	16.4	9.8	12.0	1.8	743.0	743.2	744.5	98	78	96	NW o	SSW o	N o	10	6	6	.	
24	8.4	15.8	10.2	11.5	1.5	743.8	743.2	743.4	91	82	91	N o	SW o	N o	9	9	o	.	
25	6.8	16.6	9.8	11.1	1.2	744.2	743.9	744.4	98	72	93	N o	S o	N o	o	o	o	.	
26	9.6	16.6	12.6	12.9	3.2	743.9	742.9	742.4	93	78	98	N o	W o	NW o	2	10	10	7.8	●° $6^3/_4{}^p$, n ●
27	12.2	13.2	13.0	12.8	3.3	741.6	741.4	741.0	96	99	99	E o	E o	NE o	10●	10●	10●	9.5	a ●°, p n ●, n ≡
28	12.2	13.8	12.8	12.9	3.6	739.3	737.9	736.7	98	94	98	N o	SE o	SE o	10	10●	10●	28.2	a ●, p n ●²
29	13.2	12.6	11.8	12.5	3.4	735.1	735.1	734.1	90	94	99	E 1	W o	NW o	10	10●	10	30.9	●² $8^1/_2{}^a$–$5^1/_2{}^p$, n
30	12.8	13.6	11.4	12.6	3.7	733.7	735.6	737.4	80	89	96	E o	SE o	SE o	10	10●	10	5.2	●
31	9.8	15.0	10.4	11.7	2.9	740.5	740.7	742.9	96	79	97	N o	SE o	N o	8	5	o	.	
																		Summe	
Mittel	9.7	15.9	10.9	12.2	—	740.3	739.9	740.2	92	79	94				6.0	5.9	5.3	265.8	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

Oktober 1913.
Bernoullianum.

1	9.4	16.0	12.8	12.7	0.6	735.0	733.9	735.3	97	75	93	E 1	N o	S o	8≡	6	10	.	●° $4^1/_2$–5^a, ≡ I
2	12.0	**19.0**	14.4	15.1	3.2	737.2	737.4	738.5	93	58	89	E 1	E 1	SE 1	7	2	10	0.6	●° $8^3/_4$, $10^1/_2$, $11^1/_4{}^p$
3	13.2	17.0	13.0	14.4	2.7	739.1	739.0	738.4	91	76	88	E 1	E 1	SE o	7	6	o	3.3	●° $3^1/_2$–$4^1/_2$, 11^a, ● 3–$3^1/_4{}^p$
4	10.6	14.4	13.4	12.8	1.3	735.9	734.2	732.1	93	93	95	SE 1	SE o	SE 1	9	10	10	2.7	● $o^1/_4$–$4^3/_4$, $8^3/_4$, 10–$10^1/_2{}^p$
5	13.0	14.6	11.6	13.1	1.8	730.5	730.0	732.0	98	89	95	S o	SW o	S o	10●	6	8	8.3	● 2–$2^1/_4$, $3^3/_4$, 7–$11^3/_4{}^a$, *)
6	10.0	15.0	12.8	12.6	1.5	732.2	732.5	733.0	93	65	90	E 1	E 1	SE o	4	8	10●	2.7	● $o^1/_4$–$3^1/_4$, $6^1/_2{}^a$, $4^1/_4$, $6^1/_4{}^p$–
7	12.2	16.0	14.2	14.1	3.1	732.9	732.1	730.6	87	72	78	SE 1	SE 1	SE 1	8	8	10	0.5	●° $10^1/_4{}^a$, $10^3/_4$–$11{}^p$ [$o^1/_4{}^a$
8	13.0	14.6	10.2	12.6	1.8	**727.8**	729.3	734.0	91	91	93	E 1	W 1	SE 1	10	10●	7	**10.3**	●° $6^3/_4$, $8^1/_2$–$10^1/_4{}^a$, ● $o^1/_2$–
9	9.9	14.4	10.6	11.6	1.0	736.4	737.0	738.9	88	68	93	SW 1	W 1	S o	6	6	2	.	● 6–$6^1/_4{}^a$, ●° $o^1/_2{}^p$ [$7^1/_2{}^p$
10	6.8	14.0	9.0	9.9	−0.5	739.0	737.5	738.8	97	72	86	SE 1	NW 1	W o	10≡	2	1	.	≡ n–9^a
11	4.4	14.2	10.8	9.8	−0.4	739.7	739.9	742.1	97	70	90	S o	E 1	SE 1	5	6	5	.	●° $3^1/_4$–$3^3/_4$, 4^p
12	11.2	16.0	10.2	12.5	2.5	744.4	745.0	746.7	86	54	84	SW 1	SW 1	SW o	6	5	9●	0.1	●° $9^1/_2$–$9^3/_4{}^p$
13	5.8	13.2	7.4	8.8	−1.0	747.7	746.7	748.0	91	58	91	SE o	N 1	N o	5	5	o	.	
14	4.4	11.2	6.4	7.3	−2.3	**748.3**	747.6	746.3	93	**42**	71	NW 1	E 2	SE 1	10≡	4	5	.	≡ I
15	**3.0**	9.6	7.2	6.6	−2.8	743.5	742.2	743.0	83	66	97	E 1	E 1	SE 1	10	10	10	5.4	● $3^3/_4$–$7^3/_4{}^a$, ≡ $5^1/_4$–7^p
16	8.0	11.0	10.2	9.7	0.5	743.9	743.9	745.0	94	80	82	E o	W o	SE o	10≡	8	9	.	≡ I
17	8.0	9.4	8.2	8.5	−0.5	743.5	743.0	742.3	92	84	83	N o	NW o	E o	10≡	8	0	.	≡ I
18	5.4	14.4	9.0	9.6	0.8	741.8	741.2	741.2	94	65	89	SE 1	S o	SE 1	2	o	1	.	
19	5.6	12.4	7.7	8.6	0.0	740.2	738.0	738.1	97	79	94	SE o	E 1	SE 1	10≡	1	4	.	≡ I
20	6.0	13.0	8.5	9.2	0.8	738.8	737.9	737.8	94	73	93	E 1	SE 1	SE o	10≡	o	o	.	≡ I
21	6.2	15.4	12.0	11.2	2.9	736.6	733.3	731.9	88	49	72	E 1	E 1	SE 2	6	2	4	.	
22	8.6	14.0	11.2	11.3	3.2	733.0	732.9	735.7	92	72	95	S o	N 1	W 1	8	6	10	0.5	●° $6^1/_4$–$8^1/_4{}^p$
23	10.4	15.2	12.4	12.7	4.8	738.4	739.4	741.2	95	73	86	SE 1	N o	SE 1	6	6	7	2.7	
24	10.2	16.6	11.0	12.6	4.9	743.1	742.4	743.5	97	78	97	SE 1	E 1	W o	10●	5	10≡	1.5	● 1–$1^1/_4$, $3^1/_4$–$10^3/_4{}^a$, ≡
25	8.6	16.8	9.2	11.5	4.0	742.4	740.0	739.3	100	78	97	SE o	E o	NW o	2≡	o	10≡	.	≡ I, ≡² 5–$11{}^p$ [$9^1/_4{}^p$–n
26	11.0	14.2	11.4	12.2	4.8	736.9	735.4	737.8	90	84	95	SE 1	S o	SE o	10	10	2	0.5	●° $7^3/_4$, 9^a, 6–$6^1/_4{}^p$
27	10.4	18.6	12.2	13.7	6.5	737.3	735.3	734.6	95	63	87	SE 1	E o	SE o	5	5	o	.	
28	8.8	14.4	14.8	12.7	5.7	731.9	729.6	728.6	92	78	68	SE o	SE o	S o	7	5	10	.	
29	12.2	**19.0**	11.2	14.1	7.2	728.0	728.2	728.3	81	55	90	SE 1	W o	S o	7	7	o	.	
30	11.8	11.6	10.6	11.3	4.6	731.7	734.3	736.4	90	95	93	S o	W o	SE 1	10	10●	7	9.7	●° 9, $10^1/_4{}^a$, ● $11^1/_2{}^a$–$3^3/_4{}^p$
31	7.6	15.2	10.4	11.1	4.6	738.2	738.6	739.3	97	71	82	SE 1	SE 1	SE o	8≡	2	o	.	≡ I
																		Summe	
Mittel	9.0	14.5	10.8	11.4	—	737.9	737.4	738.0	92	72	88				7.6	5.5	5.5	48.8	*) **5.** $2^1/_4$–$4^1/_4{}^p$

Oktober 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$Hb = 2500.1^m$, $G = -0.16\,m/m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	2.5	4.2	1.8	2.8	2.1	562.6	562.5	562.8	80	80	82	ESE 1	SE 2	ESE 3	4	8	3	.	✳
2	1.9	4.7	1.4	2.7	2.2	564.4	565.5	566.1	81	81	84	SSE 1	SSW 2	S 1	3	3	1	.	◺° 7¹/₄–8ᵖ ✳
3	1.8	4.6	1.8	2.7	2.3	566.4	566.8	566.1	85	85	90	SW 2	SSW 1	SW 2	4	9	2	.	≡ 2–2¹/₄ᵖ, ◺° 6¹/₂ᵖ
4	1.8	3.2	0.5	1.8	1.5	563.8	562.2	560.0	90	89	100	SW 2	SSW 1	WNW 2	6	9	10≡●	17.8	● 10¹/₂–10³/₄ᵃ, 2¹/₄–3, *)
5	0.2	2.6	−0.6	0.7	0.5	558.4	**558.2**	559.1	100	100	100	WSW 3	SSW 1	WSW 2	10≡●	10≡	10≡✳	**34.0**	● 6³/₄–8ᵃ, ✳²–0¹/₂ᵖ, *) ✳
6	−3.8	−0.3	−0.1	−1.4	−4.4	559.1	560.2	561.0	94	95	87	WSW 3	WSW 1	SW 2	9	10	9	1.0	⊹ ⋁ n–9ᵃ, ✳ 0¹/₄– *) ✳
7	0.2	2.5	2.3	1.7	1.8	561.6	562.1	561.7	83	82	80	SSW 1	SSW 2	SW 4	9	9	6	.	⌿ III–n ✳
8	3.1	5.6	−2.1	2.2	2.4	559.6	558.9	559.0	83	80	100	SSW 4	SSW 3	WSW 4	9	9	10≡✳	19.8	⌿ I, III, ● 4¹/₄–6¹/₄ᵖ, *) ✳
9	−3.8	−1.8	−2.6	−2.7	−2.4	561.0	562.2	563.5	100	100	100	WSW 2	WSW 2	WSW 2	10≡	10≡	10≡	.	a ⋁, ≡ ✳
10	−3.7	−0.3	−0.5	−1.5	−1.0	562.8	563.0	563.7	90	80	75	WSW 1	SW 3	WSW 5	0	0	2	.	⌿ III ✳
11	0.8	2.1	0.0	1.0	1.6	565.0	566.3	567.4	58	60	100	WSW 3	WSW 3	WSW 4	2	7	10≡	4.0	⌿, △ 4ᵖ, n, ≡ 5¹/₂ᵖ–n, ✳
12	−2.1	−1.6	−3.7	−2.5	−1.8	567.5	567.8	568.9	100	100	100	WSW 3	W 3	W 1	10≡	10≡	10≡	.	≡ ⋁ [n ✳ ✳
13	−3.8	−2.8	**−5.0**	−3.9	−3.1	568.7	568.6	568.7	100	100	100	NW 1	N 0	NNE 1	10≡	10≡	10≡	.	≡ n–2³/₄ᵖ, III, ⋁ ✳
14	−2.8	−1.3	3.2	−0.3	0.6	568.0	569.4	569.5	35	30	18	NE 3	NE 3	NE 3	1	2	3	.	[n ✳
15	4.4	1.9	−3.5	0.9	2.0	567.8	566.5	565.3	**12**	20	98	NNE 1	W 3	WSW 4	9	9	10≡	0.3	✳° 7¹/₄–7¹/₂ᵖ, ⌿ III, ≡– ✳
16	−1.8	1.8	2.7	0.9	2.1	566.2	567.1	568.3	80	65	26	ENE 1	NE 1	NNE 3	6	3	0	.	✳
17	4.8	6.8	5.6	5.7	7.0	567.9	568.4	568.7	22	33	40	NE 3	ENE 1	ENE 1	1	1	2	.	✳
18	6.6	6.3	4.4	5.8	7.2	568.2	568.3	568.2	51	50	51	NE 1	ESE 1	SSW 0	1	1	1	.	✳
19	5.5	**8.6**	5.7	6.6	8.2	566.7	565.9	565.8	45	40	48	NE 2	SSE 2	SSE 2	2	1	0	.	✳
20	3.8	5.4	3.4	4.2	5.9	565.5	565.3	565.1	50	55	47	NNW 1	SE 1	SSW 3	1	1	1	.	
21	2.7	5.3	4.4	4.1	5.9	564.0	562.7	562.8	43	43	63	SSW 3	SW 3	SSW 3	6	4	4	.	⌿, n ⌿
22	5.0	3.2	2.0	3.4	5.3	562.1	561.7	563.0	78	77	86	SSW 4	SW 3	SW 4	8	8	4	.	⌿
23	1.4	4.8	3.9	3.4	5.5	564.3	565.8	567.9	81	63	66	SSW 4	WSW 2	W 3	1	3	4	0.2	⌿ n–I
24	1.4	2.6	2.4	2.1	4.3	568.5	569.1	569.7	100	100	98	W 4	WSW 4	W 3	10≡●	10≡	9≡	0.4	●° 7¹/₂–8¹/₄ᵃ, ⌿, ≡ 7¹/₄ᵃ– [3³/₄, 5³/₄ᵖ–n
25	3.0	6.8	5.8	5.2	7.5	569.7	569.7	**569.8**	74	60	51	WSW 3	SW 3	WSW 1	2	1	1	.	
26	4.7	5.6	3.1	4.5	6.9	567.0	566.1	565.9	55	60	79	SW 2	SW 4	SW 4	7	9	4	.	p ⌿
27	2.3	4.6	2.5	3.1	5.7	565.5	564.6	564.1	80	74	74	SSW 3	SSW 3	SSW 3	2	6	3	.	
28	2.6	3.2	3.3	3.0	5.7	562.5	561.8	560.8	72	80	89	SSW 4	S 3	E 3	8	9	7	.	⌿, n ⌿
29	2.5	4.1	2.0	2.9	5.7	559.4	559.2	558.5	84	74	73	SSW 2	SSE 3	S 4	7	8	7	.	⌿ III
30	1.0	2.6	−1.8	0.6	3.6	559.3	560.2	562.3	84	84	93	SSW 2	SSE 2	SW 2	9	10	1	0.6	≡ 1¹/₂–8¹/₄ᵖ, ✳° 4¹/₄–4³/₄ᵖ
31	−1.4	1.4	0.3	0.1	3.2	563.7	565.1	565.7	90	84	67	SW 1	WSW 2	SSW 1	7	6	1	.	✳
																		Summe	
Mittel	1.3	3.1	1.4	1.9	—	564.4	564.6	564.8	74	72	76				5.6	6.3	5.0	78.1	

[*) **4.** 6³/₄ᵖ–n, ≡ 7¹/₂ᵖ–n, n ✳ *) **5.** ≡, ✳² ⊹ 3ᵖ–n *) **6.** 1¹/₄ᵖ, =° II, ≡ 3–3¹/₂ᵖ *) **8.** ✳ ⊹²–n, ≡ 4³/₄ᵖ–n

Oktober 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$Hb = 2102.9^m$, $G = -0.14\,m/m$.

1	2.8	4.1	3.0	3.3	0.5	590.8	591.1	591.6	97	95	84	SSE 1	S 1	SSE 2	10	10●≡	10	6.0	●, ≡ II
2	2.4	3.0	2.8	2.7	0.0	593.2	594.4	595.1	90	99	90	SE 1	S 2	S 2	10	10●≡	10●≡	8.5	●, ≡² II, p ≡
3	2.6	4.4	3.5	3.5	0.9	595.4	595.6	594.9	96	90	92	SE 1	S 1	S 1	10●≡	10≡	10	9.4	≡ n–p, a ●
4	3.0	3.5	2.2	2.9	0.4	592.3	590.7	588.3	94	97	97	SE 1	SE 1	SE 1	10●	10●	10●	11.7	●
5	2.6	3.9	2.6	3.0	0.7	586.7	**586.4**	587.2	85	97	87	SSE 0	SE 1	SSE 1	10	10≡	10	16.0	●, ≡² II, n ✳
6	0.4	2.7	1.2	1.4	−0.8	587.9	588.8	589.6	100	95	100	SSE 1	SSE 1	SSE 2	10≡	10●≡	10●✳	10.0	≡² I, ≡–p, ● ✳
7	2.2	3.1	3.4	2.9	0.9	590.6	591.4	591.4	99	99	100	S 1	S 1	S 2	10●≡	10●≡	10●≡	68.5	●² ≡, ≡² III
8	3.6	4.0	−0.4	2.4	0.5	588.3	587.1	587.8	90	100	95	S 1	S 2	N 2	10●	10●≡	10✳	61.9	●², ≡ II, ✳ 6¹/₂ᵖ–n
9	−1.4	1.6	0.4	0.2	−1.5	590.1	590.7	591.7	97	55	82	N 2	N 2	N 2	5	1	9≡	.	≡ I, III
10	−1.2	5.3	1.4	1.8	0.2	591.3	591.6	592.5	80	42	83	N 1	S 1	S 0	0	0	0	.	
11	1.9	6.6	2.8	3.8	2.4	593.9	594.8	596.4	65	51	73	S 0	S 1	S 1	1	2	2	.	
12	0.6	2.8	−0.6	0.9	−0.4	596.6	596.7	597.1	100	71	100	N 1	N 2	N 2	4≡	3	9≡	.	≡ I, III–n
13	−1.8	1.3	−1.6	−0.7	−1.8	597.0	596.9	597.0	99	58	100	N 3	N 3	N 3	10≡	1	9≡	.	≡ I, III, ⌿
14	−0.5	3.3	4.1	2.3	1.3	596.9	597.5	597.6	16	20	11	N 1	N 1	N 1	0	1	1	.	
15	4.8	6.2	−1.0	3.3	2.5	595.8	594.9	593.9	**9**	**9**	81	NNE 2	NNE 2	N 2	4	10	10✳	1.5	✳ 8ᵖ–n
16	**−3.5**	7.4	3.5	2.5	1.8	594.6	595.3	596.5	97	21	47	NE 1	NE 0	NE 0	3	2	1	.	≡ n–I
17	0.7	7.7	5.5	4.6	4.0	596.0	596.6	596.5	65	30	22	NE 0	SSE 1	SE 1	0	0	1	.	
18	5.6	8.7	5.9	6.7	6.3	596.0	596.4	595.5	21	20	26	NNE 0	NE 0	SE 1	0	0	0	.	
19	4.1	8.5	3.0	5.2	4.9	594.8	*594.1	*594.3	21	24	53	SE 1	S *1	S *1	0	0	1	.	
20	2.0	5.7	2.2	3.3	3.2	*593.7	*593.5	593.8	32	25	28	S *0	S *1	SSE 1	1	1	2	.	
21	1.6	4.4	1.8	2.6	2.6	593.7	593.1	593.0	39	32	59	SSE 1	S 3	SSE 3	4	4	9	1.4	p n ⌿, n ✳
22	0.6	0.0	−0.5	0.0	0.2	592.2	592.2	593.3	100	84	95	SSE 3	S 2	S 2	10✳	10✳	10✳	15.0	⌿ I, ✳
23	1.1	3.6	0.0	1.6	1.9	594.8	595.6	596.7	92	69	72	SSE 1	S 1	N 1	10≡	9	8	0.6	≡ ✳° I
24	4.4	6.6	4.4	5.1	5.6	597.4	597.6	598.2	35	37	36	N 1	N 0	N 0	8	8	6	.	
25	4.2	**9.6**	4.5	6.1	6.7	598.2	598.3	**598.5**	30	26	32	NE 0	SE 1	SSE 1	0	1	8	.	
26	4.7	4.2	3.5	4.1	4.9	596.6	595.8	595.1	39	76	90	SSE 2	S 2	SSE 1	9	10	10≡	4.1	● 6¹/₂–7¹/₂ᵖ, ≡–n
27	3.8	4.0	2.8	3.5	4.4	594.3	593.6	593.2	92	85	100	SE 1	SE 2	S 2–3	10≡	10●	10●	43.8	≡ I, ●² 8ᵃ–n, ⌿ III–n
28	2.8	3.8	3.3	3.3	4.4	592.0	590.3	589.2	100	99	98	SE 3	S 4	S 4	10●	10●	10●	**80.0**	⌿ I, ●² ⌿
29	1.4	1.6	2.8	1.9	3.1	588.7	588.5	587.3	100	92	70	SE 4	SE 2	SE 4–5	10●✳	10✳	10●✳	50.5	●² ✳² ⌿ n–I, III, ✳²
30	0.9	2.0	0.3	1.1	2.5	587.4	588.9	590.8	98	90	98	SE 1	SE 1	SE 1	10	10✳	8	11.4	✳
31	0.2	3.9	1.1	1.7	3.2	592.5	593.8	595.0	99	56	87	SSE 1	SSE 1	SSE 1	9≡	5	10	.	≡ I, ≡° III
																		Summe	
Mittel	1.8	4.4	2.2	2.8	—	593.2	593.3	593.5	73	63	74				6.4	6.1	7.2	400.3	

Keine Angaben über Schneebedeckung.

$\lambda = 7° 26'$, $\beta = 46° 57'$,
$H_b = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

November 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	6.4	13.0	9.5	9.6	4.4	713.9	713.4	714.3	97	63	96	S o	W o	W o	9	9	10	7.0	●° $7^1/_2$–8^a, ● $8^1/_2$p–n
2	9.5	13.9	8.7	10.7	5.6	716.8	716.5	716.3	97	80	97	SE o	SW o	SE o	10	6	$3^{\equiv}$	.	≡ III
3	6.7	**15.3**	10.5	10.8	5.9	716.9	715.9	715.7	97	69	89	SE o	SW 1	SE o	9	7	10	.	
4	8.7	13.5	10.1	10.8	6.1	714.3	712.8	711.9	96	75	97	SE o	NE o	SW o	10	10	10●	7.1	● $8^3/_4$p–n
5	9.3	13.7	10.3	11.1	6.5	709.8	708.4	705.4	97	63	96	SE o	SW 1	SW o	9	9	10●	15.4	● $6^1/_2$p–n
6	6.1	9.5	5.6	7.1	2.7	707.5	707.7	704.7	92	**56**	85	SW o	WSW 2	SW o	7	9	9	6.0	⸗ II, Ψ 7^p, n ●
7	2.8	6.4	4.6	4.6	0.4	704.0	703.6	708.4	96	75	88	SE o	W 1	SW 1	5	10●	10	1.7	p ●
8	4.2	8.1	5.2	5.8	1.7	711.6	710.9	711.8	89	60	91	SW o	SW o	SW o	7	10	10	1.8	n $(^8/_9)$ ●
9	5.2	11.3	7.2	7.9	4.0	711.6	710.8	710.8	97	76	96	SE o	S o	S o	10	7	4	.	
10	4.9	10.9	4.9	6.9	3.1	710.6	710.2	709.6	98	80	97	SW o	ENE o	E o	$10^{\equiv}$	9	$7^{\equiv}$	.	≡ ⧋ I, Ψ III, ≡–n
11	4.7	9.1	6.7	6.8	3.2	709.1	708.6	709.6	98	87	97	NE o	NW o	NE o	$9^{\equiv}$	10	9	.	≡ ⧋ I, ●° $1–1^1/_4$p [$11^1/_2$p
12	5.9	10.7	8.2	8.3	4.9	708.1	705.8	706.0	97	77	97	S o	NE o	SW o	$10^{\equiv}$	8	10●	**44.2**	≡ ⧋ I, ●^{2} $5^1/_2$p–n, ⛥°
13	6.2	7.7	7.2	7.0	3.7	702.9	**701.5**	701.9	95	93	76	SE o	SW 1	SW 2	10●	10	$9^{\equiv}$	13.1	● n–11^a, $9^1/_2$–12p, ⸗ III
14	3.5	7.6	5.8	5.6	2.5	705.8	705.1	704.8	90	63	83	SW 1	W 1	W o	3	9	10●	2.2	●° III, n ●
15	6.0	6.5	4.7	5.7	2.7	707.6	708.4	712.6	90	86	97	SW o	SW 3	W o	8	7	9	8.6	● a, III–n, ⸗ II
16	6.7	7.2	7.2	7.0	4.2	712.8	714.2	717.3	81	84	90	SW 2	SW 2	WSW 1	10	10●	9	4.0	⸗ n–II, ●
17	6.7	9.5	7.6	7.9	5.2	719.4	720.4	721.5	89	67	89	SW o	SW 1	SW o	10	10	10	0.2	●° 9–$9^1/_4$p
18	7.2	11.2	6.3	8.2	5.7	721.5	720.4	720.4	94	78	96	SE o	SE o	SE o	10	2	4	0.7	
19	6.1	11.4	6.6	8.0	5.6	721.3	722.2	**722.7**	98	71	97	SE o	W 1	NE 1	9	10	5	0.2	n a ●°
20	4.6	6.8	3.4	4.9	2.7	722.1	721.5	720.7	98	83	99	S o	W o	SW o	3	7	$10^{\equiv}$	.	$\equiv^2$ III–n
21	0.4	4.6	0.9	2.0	−0.1	719.0	718.1	717.4	99	98	98	S o	SW o	SE o	$10^{\equiv}$	$9^{\equiv}$	$8^{\equiv}$	.	$\equiv^2$ ⧋ I, III, ≡
22	0.3	6.9	4.0	3.7	1.8	717.2	716.6	717.3	99	82	95	S o	N o	W o	$8^{\equiv}$	9	8	.	$\equiv^2$ ⧠ I
23	1.7	6.2	4.4	4.1	2.3	716.0	714.1	713.0	98	89	96	E o	E o	N o	$10^{\equiv}$	$10^{\equiv}$	10	.	$\equiv^2$ ⧋ I, ≡–II
24	4.7	5.5	3.9	4.7	3.0	711.4	712.0	714.6	95	92	93	SW o	SW 1	SW o	10	10●	10●	7.8	● $11^1/_2$^{a}–n
25	2.7	3.7	3.4	3.3	1.8	718.1	719.4	720.5	96	93	95	SW o	SW o	SE o	10	10●	10	1.2	● $1^1/_2$–2p
26	3.2	5.6	2.0	3.6	2.2	720.4	720.6	722.2	97	80	94	NE o	NE 1	SW o	10	8	8	.	
27	2.1	3.5	3.6	3.1	1.9	722.2	721.3	721.6	91	94	97	S o	SW o	SE o	10	10●	10	8.6	● 11^a–$6^1/_2$p
28	2.9	5.6	5.6	4.7	3.6	720.7	720.8	721.5	98	96	95	SE o	SE o	SE o	10	10	10	1.2	● $9^1/_2$–$11^1/_2$^{a}
29	6.0	9.9	2.8	6.2	5.2	722.2	721.9	722.4	97	72	97	SE o	SE o	SE o	10	7	5	.	
30	**0.2**	3.9	0.7	1.6	0.8	722.6	722.2	721.2	98	98	98	SE o	WSW o	SE o	$10^{\equiv}$	$10^{\equiv}$	$10^{\equiv}$	.	$\equiv^2$ ⧠ I, ≡, $\equiv^2$ III–n
Mittel	4.9	8.6	5.7	6.4	—	714.6	714.2	714.6	95	79	94				8.9	8.7	8.6	Summe 131.0	

$\lambda = 6° 57'$, $\beta = 47° 0'$,
$H_b = 487.3^m$. $G = 0.06\,{}^m/_m$.

Neuenburg.

November 1913.
Observatorium.

1	7.4	10.7	10.1	9.4	1.9	721.3	720.9	722.0	100	88	97	NE 1	SE 1	NE o	$10^{\equiv}$	10●	10●	6.0	≡ n–$9^3/_4$^{a}, ● 10^a–n
2	9.1	**15.0**	9.2	11.1	3.7	723.9	724.1	723.7	92	78	98	NW 1	W 1	N o	7	4	0	.	
3	9.0	14.9	11.4	11.8	4.6	724.2	723.4	723.2	100	78	84	NE 1	W 2	N 1	$10^{\equiv}$	7	10	0.3	≡ n–9^a, ≡°–II
4	9.8	12.6	10.7	11.0	4.0	721.7	720.6	719.4	96	87	98	NE 1	NE 1	NW 1	10	10●	10●	10.2	n a ●°, p n ●
5	10.7	14.1	11.4	12.1	5.2	717.1	715.5	712.7	96	76	96	W 1	W 1	W 2	10	10	10●	9.3	● 5^p–n
6	7.6	9.6	6.2	7.8	1.1	714.7	714.2	712.3	73	**57**	89	W 1	W 1	SW 2	9	9	10	2.1	a ●°, ● $8^1/_4$p–n
7	5.7	6.0	4.4	5.4	−1.1	711.3	711.2	715.8	75	85	90	W 2	SW 3	NW 1	8	10●	8	2.3	⸗ II, ● $11^1/_2$^{a}–n
8	5.0	8.0	6.5	6.5	0.1	719.1	718.5	719.3	86	69	85	W 1	SW 2	W 2	7	9	10	4.6	≡° I, ● ⸗ $5^1/_2$p–n
9	6.7	11.1	7.0	8.3	2.1	719.1	718.3	718.1	91	75	94	NW 1	W 1	NW 1	10	7	2	.	● n–$7^1/_2$^{a}
10	6.4	10.4	6.4	7.7	1.7	717.9	717.9	717.3	97	83	91	NW 1	NE 1	NW o	10	8	5	0.4	≡° III, n ●°
11	6.2	8.1	8.2	7.5	1.6	716.6	716.3	717.4	100	97	98	E o	NE 1	NW 1	$10^{\equiv}$●	10●	10	4.2	≡ n–$9^1/_2$^{a}, ●, ⛥ III, n ●
12	7.9	9.7	8.3	8.6	2.9	715.5	713.4	713.0	98	97	87	NW o	NE 1	W 1	$10^{\equiv}$●	10●	10●	**54.8**	a ●° ≡, p n ●^{2}, ⛥ $11^1/_2$p
13	6.5	8.0	7.6	7.4	1.8	710.4	**709.1**	709.2	98	95	80	NE 1	SW 1	SW 2	10●	10●	10	6.7	● n–$2^1/_2$p
14	5.3	8.2	6.8	6.8	1.4	713.3	712.9	712.4	69	60	78	NW 1	SW 2	W 3	3	10	10●	1.0	● $7^1/_2$p–n, ⸗ III
15	6.7	7.2	6.2	6.9	1.6	714.9	715.8	720.1	77	84	88	SW 2	SW 3	W 3	9	10●	10●	7.0	●, p ⸗, n ●
16	6.2	7.5	8.5	7.4	2.3	720.7	721.9	725.3	92	87	81	SW 3	SW 3	SW 2	10●	10●	10	6.5	⸗ n–p, ●
17	7.2	9.5	8.8	8.5	3.6	727.3	728.2	729.3	88	80	81	SW 2	SW 1	SW 1	10	10	10	.	● n–$7^1/_2$^{a}
18	8.3	12.2	7.8	9.4	4.6	729.0	727.9	728.0	93	76	89	S 1	SW 1	W 1	8	5	4	0.9	n $(^{18}/_{19})$ ●°
19	8.6	10.9	5.1	8.2	3.6	728.6	729.8	**730.7**	92	84	84	W 1	SW 1	NW 1	9	9	2	0.2	●° $1^1/_4$–$1^3/_4$p
20	3.0	7.7	5.0	5.2	0.8	729.8	729.0	728.2	100	83	95	NE 1	SW 1	SW o	6	9	9	.	≡° I
21	3.2	5.4	4.0	4.2	−0.1	726.6	725.8	724.8	100	95	100	W 1	E 1	NE 1	$10^{\equiv}$	10	10	.	a ≡
22	3.4	4.9	5.7	4.7	0.6	724.8	724.4	724.9	100	98	97	NE 1	NE 1	N o	$10^{\equiv}$	$10^{\equiv}$	10	.	$\equiv^2$ I, ≡–p
23	3.0	6.0	5.4	4.8	0.8	723.7	721.8	720.7	100	91	92	NW o	E 1	NE 1	$10^{\equiv}$	9	10	.	$\equiv^2$ n–$9^1/_2$^{a}
24	5.8	6.2	4.5	5.5	1.6	718.8	719.5	722.3	91	91	95	W 1	W 1	W 1	10	10●	10●	3.5	● 1^p–n
25	3.7	5.4	**2.2**	3.8	0.1	725.7	727.1	728.2	85	84	94	NW 1	W 1	N 1	10	10	3	0.4	●° n–$9^1/_2$^{a}
26	3.8	6.3	2.8	4.3	0.7	728.3	728.5	729.9	88	81	86	NE 1	NE 1	N 1	10	10	3	.	
27	3.5	5.1	5.1	4.6	1.2	729.6	729.0	728.9	91	94	97	E 1	SW 1	NW 1	10	10●	10	5.9	● $10^3/_4$^{a}–$8^1/_2$p
28	4.0	5.9	7.4	5.8	2.6	727.7	728.6	729.2	98	95	92	NW 1	NW 1	NW 1	10	10	8	0.9	●° 9^a–$7^1/_2$p, n
29	5.7	11.1	5.4	7.4	4.3	729.9	729.6	730.1	98	72	92	NE 1	SE 1	NW 1	10	2	10	.	
30	3.0	6.2	4.2	4.5	1.6	730.2	729.8	728.7	98	88	100	E 1	S 1	NE o	10	10	10	.	
Mittel	6.1	8.8	6.7	7.2	—	722.1	721.8	722.2	92	84	91				9.2	8.3	8.1	Summe 127.2	

November 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	8.4	14.2	13.8	12.1	5.2	724.0	723.6	723.0	95	52	47	W 0–1	W 0	SE 0–1	5	4	5	0.4	
2	8.8	14.6	9.2	10.9	4.1	727.0	726.5	726.1	100	54	70	NE 0	E 0	E 0	4	2	0	.	●° $5^{1}/_{2}$–$6^{3}/_{4}$ a
3	5.6	14.4	11.4	10.5	3.9	726.6	726.2	725.8	81	45	75	NE 0	E 0	NE 0–1	10	3	8	.	
4	9.8	13.2	10.8	11.3	4.8	724.1	722.7	721.3	83	69	93	E 0	NE 0	N 0	10	8	10	.	
5	7.9	14.6	10.2	10.9	4.6	720.1	718.4	714.9	100	59	94	E 0	NE 0	NE 0	7	6	10	6.6	
6	7.3	8.2	3.8	6.4	0.2	716.1	717.5	714.8	79	80	81	NW 1–2	E 0	E 0	10●	10	0	8.3	● n–l, n
7	4.9	8.6	5.8	6.4	0.4	714.4	714.1	717.0	99	55	92	SE 0	E 0	NE 0–1	9	10	10	2.4	p ●
8	4.9	9.4	6.8	7.0	1.2	721.7	721.7	721.7	97	50	74	E 0	NE 0	E 0–1	10	10	10	.	
9	6.3	11.6	7.3	8.4	2.7	721.0	720.8	720.2	88	63	91	SE 0	E 0	SE 0	10	9	10	0.3	n ($^{9}/_{10}$) ●°
10	6.2	11.0	13.3	10.2	4.7	720.7	721.2	719.1	99	65	40	E 0	E 0	SE 1–2	10	10	0	.	⌿ III–n
11	16.2	**18.4**	11.0	15.2	9.8	719.7	718.7	718.9	**30**	**30**	75	E 3–4	SE 4	NW 0	9	9	8	.	⌿ n–$5^{3}/_{4}$p
12	9.4	12.0	12.3	11.2	6.0	717.0	715.8	714.2	89	80	79	NE 0–1	N 2	NW 0–1	10	10	10	9.7	
13	8.1	8.6	7.3	8.0	2.9	713.8	**711.1**	711.9	100	78	100	NW 0	NE 0	NE 0	10●	10	9	10.4	● n–l, n
14	6.7	9.6	7.1	7.8	2.9	715.1	714.7	714.6	98	56	90	SE 0	NW 0	NE 0	9	5	10	2.5	n ($^{11}/_{15}$) ●
15	8.4	8.2	5.5	7.4	2.6	716.3	718.0	723.1	62	64	99	NE 0–1	SE 0	NE 0	10●	10●	10	3.0	●
16	5.9	7.0	8.8	7.2	2.5	722.4	722.6	725.9	92	98	77	E 0	E 0–1	SE 2–3	10●	10●	10●	**15.7**	●, ⌿ III
17	6.4	7.3	7.2	7.0	2.5	730.3	731.0	731.3	100	100	100	E 0	SE 0	E 0	10●	10●	10	3.3	● n–II
18	6.4	11.5	6.2	8.0	3.6	731.6	730.6	731.0	99	69	91	E 0	NNE 1	S 0	8	8	2	.	
19	6.8	10.0	8.0	8.3	4.1	731.0	732.4	733.7	82	67	89	E 0	SE 0	SE 0	10	10	10	0.5	p ●°
20	1.8	8.6	1.9	4.1	0.0	732.3	731.6	730.9	99	68	96	E 0	NW 0	SE 0–1	0	0	0	.	
21	2.9	5.4	4.0	4.1	0.1	728.5	728.6	727.5	100	88	100	E 0	N 0	ENE 1	10≡	10≡	0	.	≡^{2} I, ≡–p
22	3.8	8.1	3.7	5.2	1.4	727.6	727.0	725.5	97	76	100	E 0	NW 0–1	SW 0	8	1	2	.	
23	4.6	7.4	5.5	5.8	2.1	726.6	724.1	723.7	100	81	97	NE 0	NW 0–1	NW 0	10≡	7	6	0.6	≡ I, ≡°–p, n ●°
24	5.6	7.0	4.2	5.6	2.1	721.4	723.0	725.9	100	90	97	NE 0	SE 0	SE 0	10●	10●	10●	14.9	●
25	4.7	5.7	4.9	5.1	1.7	727.6	729.7	731.3	98	77	95	E 0	NW 0	NW 0	10	10●	10	0.5	●° II
26	4.7	6.8	1.9	4.5	1.2	730.6	731.1	**734.0**	99	50	78	E 0	E 0	NW 0	10	2	0	.	
27	2.6	3.9	3.7	3.4	0.3	732.1	731.7	732.3	87	96	100	E 0	SE 0	SE 0	10	10●	10●	14.7	p n ●
28	4.0	5.1	6.8	5.3	2.3	730.2	731.3	731.9	98	98	100	E 0	SE 0	SE 0–1	10●	10●	10	6.9	●
29	7.3	8.4	2.5	6.1	3.3	732.9	733.1	733.3	100	87	100	NE 0	NE 0	SE 0	10	10	0	.	≡° II
30	**–0.2**	5.6	0.8	2.1	–0.6	733.1	732.8	731.0	100	95	99	SE 0	NE 0	NE 0	0	1	0	.	⌊ I, ≡ 9^{a}–$0^{1}/_{2}$p
Mittel	6.2	9.5	6.9	7.5	—	724.5	724.4	724.5	92	71	87				8.6	7.5	6.3	Summe 100.7	

November 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$.
$Hb = 405.0^m$, $G = 0.02^{m}/_{m}$

1	7.8	12.8	13.8	10.7	3.7	728.4	727.7	729.3	94	74	81	SSW 1	NNE 1	SW 0	8	9	10●	4.3	a ●°, ● $8^{1}/_{2}$p–n
2	11.0	**20.0**	11.1	13.6	6.8	731.0	730.9	730.7	96	56	91	SE 0	S 1	SSE 0	3	2	0	.	
3	10.5	16.9	12.1	13.1	6.5	731.3	730.7	730.1	94	62	84	E 0	SW 1	SSE 0	6	7	1	.	
4	10.8	13.1	11.2	11.2	4.8	728.3	727.6	726.5	87	86	94	NNW 0	SW 0	NW 0	9	10●	1	8.4	● $11^{3}/_{4}$a–$8^{1}/_{2}$p, n
5	11.7	15.2	13.6	13.1	6.8	724.0	722.5	720.2	86	66	76	S 1	SSE 1	SSW 2	3	10	10	8.8	● $7^{1}/_{2}$p, n, ⌿ III
6	8.3	12.7	6.8	9.4	3.3	722.4	721.6	719.9	75	**51**	91	SSW 1	SW 1	SSW 1	8	4	10●	13.7	● $7^{1}/_{2}$p–n
7	6.4	7.3	5.7	6.3	0.4	718.9	718.5	724.0	72	70	86	SSW 1	SW 2	SSW 1	10●	9●	10●	5.4	● ⌿
8	4.0	9.1	7.1	6.6	0.9	726.9	725.8	727.0	85	73	84	N 1	W 0	SSW 0	2	10	10●	3.6	● $5^{1}/_{2}$p–n
9	6.1	16.7	8.1	9.5	3.9	726.4	725.2	725.0	96	56	86	SE 1	SE 1	SSW 0	10	2	0	.	⌓ III
10	7.0	12.0	7.3	8.7	3.3	724.6	724.4	723.9	92	74	90	NNW 0	NNE 1	S 0	10	3	0	0.7	⌓ a, III, Ψ Ψ III, n ●°
11	7.2	10.0	8.6	8.3	3.1	723.0	722.5	724.3	95	91	96	S 0	N 0	SSW 0	10●	10	10≡	2.2	● I, n, ≡ III
12	8.6	10.2	11.4	9.6	4.5	722.3	719.7	718.8	98	94	96	WSW 1	NE 1	NE 0	10●	10	10	**36.7**	● $7^{1}/_{2}$–$11^{1}/_{2}$a, p, n ⛥^{2} ●^{2}
13	7.6	9.8	9.0	8.4	3.5	717.0	**716.5**	717.0	97	88	76	SSE 0	SSW 1	SSW 1	10●	8●	10●	11.9	● I, II, $7^{1}/_{2}$–$10^{1}/_{2}$p, n
14	5.1	9.4	7.4	7.6	2.9	721.3	721.0	720.4	80	66	78	SSW 1	SSW 1	S 1	2	10	10	1.4	● $7^{3}/_{4}$–9^{p}
15	7.8	9.7	7.8	8.2	3.6	723.4	725.0	727.8	76	74	79	S 2	NW 1	S 1	8	9●	9	5.6	⌿ I, ● II, $7^{3}/_{4}$–$9^{1}/_{4}$p, n
16	8.3	9.2	7.4	8.2	3.8	729.3	730.6	733.6	72	74	92	S 2	S 2	NW 1	10	10●	10	3.6	⌿ n–II, ● $10^{1}/_{2}$a–$1^{1}/_{2}$, $4^{1}/_{2}$p
17	6.4	10.9	8.5	8.7	4.4	734.8	735.6	736.8	94	76	86	S 1	SE 0	SW 0	4	10●	9	0.2	a ⌓, ●° II
18	6.0	11.3	6.2	7.7	3.6	736.1	735.1	735.4	91	70	94	NNW 0	N 0	SSW 0	9	1	0	.	⌓° III
19	6.8	13.1	6.2	7.9	4.0	736.4	736.6	737.0	91	75	94	SE 0	NNE 1	SSW 0	9	4	0	0.4	●° $7^{3}/_{4}$a, ⌓ III
20	4.2	8.2	2.4	5.5	1.7	737.1	736.3	735.3	93	84	95	SSW 0	NW 1	SSW 0	9	8	0	.	⌓ a, III
21	**0.8**	6.8	7.6	4.7	1.1	733.9	732.3	731.5	99	90	86	SSE 0	NNE 1	S 0	10≡	6	0	.	a ≡^{2} ⌊
22	4.0	8.4	6.6	6.3	2.8	731.5	731.1	731.6	98	87	97	SSW 0	W 1	SSW 0	10≡	9	10●	6.6	a ≡^{2}, ● $3^{1}/_{4}$–$10^{1}/_{2}$p
23	5.1	9.8	6.7	7.1	3.8	730.3	728.3	727.6	98	81	92	SE 0	WSW 0	SSW 0	10≡	8	10●	10.6	a ≡^{2}, ● $7^{1}/_{4}$–$10^{1}/_{2}$p
24	5.2	4.6	3.8	4.8	1.6	726.3	727.3	730.2	94	95	97	W 1	SE 1	SE 0	10●	10●	10●	14.6	● $7^{1}/_{4}$a–$10^{1}/_{2}$p, n
25	3.0	5.3	4.1	4.3	1.2	732.2	733.9	735.1	97	86	90	ESE 1	N 0	S 0	10●	10	0	1.6	● $7^{1}/_{2}$–$8^{1}/_{2}$a
26	4.4	6.5	4.3	4.6	1.7	735.4	735.4	737.5	87	81	85	SW 1	NE 1	SE 1	10	10	7	.	
27	2.1	5.4	4.3	3.4	0.6	**737.6**	736.8	736.2	87	82	95	SSE 1	SE 1	SSW 0	9	10	10	2.0	a ⌓, ≡^{2} $10^{1}/_{2}$a, ● $4^{1}/_{2}$–$6^{1}/_{2}$p
28	2.2	5.3	5.2	4.3	1.7	735.4	736.3	736.9	96	97	94	ESE 1	SE 1	WSW 0	2	10●	9	1.2	a ⌊, ● $10^{1}/_{4}$a–$1^{1}/_{2}$p
29	3.3	9.6	3.8	5.3	2.8	736.8	736.6	737.3	99	85	94	SW 1	NNW 1	SSE 0	10≡	3	0	.	a ⌊ ≡^{2}
30	4.0	7.0	2.4	4.3	1.9	**737.6**	737.4	736.3	90	78	94	SE 1	NNW 1	SSE 0	10	9	0	.	⌓ III
Mittel	6.2	10.2	7.4	7.7	—	729.3	729.0	729.4	90	77	89				8.0	7.7	5.9	Summe 143.5	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35p}.

$\lambda = 8^{\circ}\,33'$, $\beta = 47^{\circ}\,23'$,
$Hb = 493.2^{m}$, $G = 0.08^{m}/_{m}$.

Zürich.

November 1913.
Meteorol. Centralanstalt.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7³⁰	1³⁰	9³⁰	Mittel	Abweich. vom Normalst.	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰	7³⁰	1³⁰	9³⁰		
1	5.2	12.4	9.6	9.1	3.2	721.1	720.5	720.4	100	72	95	W 0	N 0	N 0	10≡	8	8	2.5	≡ n–9ª, ●° 2½–2¾P, ●
2	10.1	15.0	9.1	11.4	5.7	723.7	723.9	723.3	87	66	95	NW 0	SE 1	E 1	8	7	0	0.1	[11½P–3¼ª
3	8.6	**16.2**	11.4	12.1	6.5	723.2	722.8	722.9	89	65	89	S 1	W 1	W 0	7	7	10	.	[10P–n
4	10.2	13.8	11.2	11.7	6.3	721.2	720.0	718.4	90	63	97	SW 1	SW 0	SE 0	10	10	10	4.3	●° n–I, 9½ª–2, 5P–III, ●
5	10.4	15.7	10.7	12.3	7.1	717.1	715.5	712.4	96	63	93	SE 1	W 1	SE 1	10	8	10●	9.5	●° n–10¼ª, ● 🌧 8¼P–5ª
6	7.2	8.6	5.0	6.9	1.8	714.1	713.9	711.9	80	70	82	NW 1	SW 1	S 1	10	8	2	2.5	●° 9¼–11ª, n ●
7	5.0	6.7	5.2	5.6	0.7	711.5	711.0	714.8	80	84	82	SW 1	W 1	W 1	5	10●	9	2.9	● 1–2¼, 3¾–12P
8	5.6	8.8	6.7	7.0	2.3	718.6	718.4	718.2	78	58	75	SW 1	W 1	SW 1	9	8	9	1.5	● 6½–7P
9	6.8	12.0	9.2	9.3	4.7	718.2	718.0	717.7	93	72	90	SW 0	SW 1	S 1	10	8	10	0.3	●° 9¼–9½ª
10	5.8	11.2	5.4	7.5	3.1	717.5	717.8	716.9	98	72	98	NW 1	SW 1	SW 0	9	6	3	0.1	≡° III
11	5.6	8.6	7.4	7.2	2.9	716.0	715.5	717.3	100	94	95	NW 1	NE 1	W 1	10	10	6	0.2	≡ n–I, 8–9½ª, ●° 8– *)
12	7.2	11.2	8.9	9.1	5.0	715.3	713.4	712.6	98	80	97	E 1	NW 0	NW 1	6	8	10●	**21.3**	a ≡°, ●° 0¼P, ●² 6P–n
13	7.3	8.7	8.0	8.0	4.1	710.0	**708.2**	708.5	96	81	73	S 1	W 1	SW 2	10	10	5	5.2	● n–0¼, 3¾–4¾P, p 🌧
14	6.0	9.6	7.0	7.5	3.7	712.1	711.9	711.0	66	**48**	67	SW 2	SW 2	SW 3	1	6	10●	0.6	🌧, ●° 8–10P
15	7.0	8.0	6.2	7.1	3.5	713.8	714.7	718.7	72	67	81	SW 2	SW 2	SW 3	7	6	10	4.4	🌧, ● 9¼ª–9P
16	7.4	7.6	7.3	7.4	4.0	718.9	719.5	723.2	72	82	88	SW 3	SW 3	SW 3	10	10●	10	18.4	🌧, ● 3–3¾, 9¾ª–9, 11½P–
17	7.5	9.3	9.5	8.8	5.5	726.0	726.8	727.9	84	69	70	SW 1	SW 2	SW 1	10●	10	10	5.0	● 6½ª–0P, 🌧 [2ª
18	7.8	10.3	7.8	8.6	5.5	728.6	727.5	726.9	97	93	97	SW 1	S 1	SE 1	10●	9	4	0.9	● n–8ª, a ≡°
19	8.4	9.6	6.8	8.3	5.3	727.8	728.9	**730.7**	94	96	83	W 0	W 1	E 0	8	9	10	2.1	● n–I, 0–3¼P
20	3.8	9.0	3.0	5.3	2.5	729.2	728.3	727.4	98	73	99	NE 0	SW 1	NW 0	10≡	2	10	0.1	≡ n–8¼ª, III–n
21	1.6	4.9	2.6	3.0	0.3	725.8	725.0	724.5	100	83	100	W 1	S 1	E 0	10≡	4	10≡	0.2	≡² n–11ª, 4P–n
22	**1.0**	8.6	3.4	4.3	1.8	724.7	724.1	724.4	100	75	95	NE 0	NW 1	NE 1	10≡	4	2	0.1	≡² n–9¼ª
23	1.8	6.8	5.2	4.6	2.2	723.3	721.0	720.2	100	79	90	S 0	S 0	NW 0	3	10	10	.	≡° I
24	5.4	6.5	5.2	5.7	3.5	718.6	718.7	720.8	95	95	95	S 0	NW 1	W 1	10	10●	10●	9.2	● 10ª–n
25	3.2	4.5	4.2	4.0	1.9	724.8	726.5	727.8	91	88	89	W 1	W 1	W 1	10	10	10	0.5	●° n–9ª, 0P
26	3.6	6.5	2.0	4.0	2.0	727.8	727.9	729.0	96	67	95	NE 0	NE 1	NE 0	10	9	5	.	
27	4.9	4.5	4.8	4.7	2.9	728.5	727.7	728.4	72	96	88	SW 1	SW 1	SW 1	9	10●	10	8.0	●° 8–8½ª, ● 9½ª–7½P
28	5.5	6.6	6.8	6.3	4.6	726.5	727.2	728.1	83	85	94	SW 1	SW 1	SW 0	10	10	10●	2.6	● 7¾–10¾ª, 9–10P, ●° 3P
29	7.1	10.1	6.6	7.9	6.4	729.1	729.3	729.7	99	82	93	W 0	W 1	S 0	7	5	10	0.1	
30	5.5	9.7	3.0	6.1	4.7	729.6	729.0	727.8	95	68	100	S 1	NW 1	NW 0	10	0	10≡	0.1	≡ 5½P–n
																		Summe	
Mittel	6.1	9.4	6.6	7.4	—	721.4	721.1	721.4	90	76	89				8.6	7.7	8.1	102.7	*) 11. 9½ª, 2½–3P, Ψ² 6P

$\lambda = 8^{\circ}\,30'$, $\beta = 47^{\circ}\,3'$,
$Hb = 1787.3^{m}$, $G = -0.11^{m}/_{m}$.

Rigi-Kulm.

November 1913.
Beobachter: *Hospenthal.*

1	6.0	**9.0**	6.0	7.0	6.5	617.1	617.1	616.9	45	34	41	SE 1–2	NW 0	SE 0	5	7	3	11.9	n (½) ●
2	2.6	5.6	4.8	4.3	3.9	618.7	619.2	619.5	100	78	75	W 1	W 0	W 0	10≡	1	3	.	≡ I
3	4.4	4.8	4.0	4.4	4.1	620.1	618.9	618.9	94	100	91	NW 2	W 2	W 2	7	10≡	3	.	≡ II
4	3.6	7.6	4.6	5.3	5.1	617.2	616.2	614.2	100	42	82	W 2	SW 0	W 0	10≡	7	5	3.2	≡ I, n ●
5	3.2	4.8	4.6	4.2	4.1	613.2	612.1	609.7	100	100	75	W 2	W 1	W 2	10≡	10≡	10●	**35.9**	≡ n–p, ●² 8½P–n
6	-1.8	-2.6	-2.8	-2.4	-2.4	608.6	608.7	607.2	100	100	100	SE 1	NW 3	W 4	10*	10	1	7.4	n a ✳, p 🌧, 🌧 III
7	-5.0	-2.2	-4.2	-3.8	-3.6	605.6	605.8	608.1	100	100	100	NW 3	W 1	W 4	5	10*	10	8.5	🌧 n–I, ✳, 🌧 III
8	-4.2	-3.0	-0.4	-2.5	-2.2	612.0	611.9	612.4	100	100	100	W 2	W 2	W 4	10≡	7	10	1.6	≡ I, 🌧 III, n ●
9	0.8	3.2	4.8	2.9	3.3	613.5	614.6	613.9	85	73	54	NW 2	NW 3	W 2	10	7	7	1.1	● ✳ 8–9½ª, 🌧 II
10	4.8	6.6	4.8	5.4	5.9	613.9	614.0	613.6	46	46	45	SE 1–2	S 1	SE 3	10	5	1	.	🌧 III–n
11	6.2	6.8	4.8	5.9	6.5	612.9	612.4	613.0	43	44	59	S 4	S 4	S 4	10	10	7	.	🌧
12	5.6	6.0	3.6	5.1	5.8	612.0	610.4	609.2	55	66	100	SE 3–4	S 2–3	S 2	5	7	10≡●	19.8	🌧 n–p, ● ≡ III–n, n ✳
13	0.0	0.6	-1.4	-0.3	0.5	606.1	**604.3**	606.5	100	100	100	NW 3	W 3–4	W 2	10	9	7	15.5	🌧 n–p, ≡° II, n ✳
14	-4.0	-1.6	-1.2	-2.3	-1.4	606.9	607.0	606.3	100	100	100	W 4	W 1	NW 3	0	5	3	3.4	🌧 I, 🌧 III–n
15	-3.2	-3.2	-3.2	-3.2	-2.2	608.4	609.1	612.4	100	100	100	NW 4	W 4	W 4	10≡*	10	10≡	7.3	n a ✳, 🌧, ≡ I, III–n
16	-2.6	-1.6	-1.4	-1.9	-0.8	612.9	613.4	616.1	100	100	100	NW 4	W 4	W 4	10≡	10≡	10≡	20.0	≡ 🌧, n ✳
17	-1.6	-0.4	1.8	-0.1	1.2	619.3	620.4	621.8	100	100	100	N 4	N 4	NW 3-4	10≡*	10	10●	17.1	✳ ≡ I, 🌧, ● III–n
18	2.6	2.2	1.2	2.0	3.4	622.1	621.8	621.6	100	100	100	NW 2	W 1	W 1–2	10≡●	9	3	2.1	● ≡ I
19	1.0	1.0	-0.6	0.5	2.0	621.7	622.2	623.1	100	100	100	W 2	W 2	W 0	10≡	10–	7≡	5.3	≡, △ ✳ 5¹ 2P
20	2.8	6.0	4.8	4.5	6.1	622.3	622.5	622.3	19	**15**	19	W 1–2	W 0	W 1	0	0	0	.	
21	4.6	6.8	1.9	4.4	6.1	620.1	620.1	618.6	25	28	54	S 2–3	S 1	S 3	0	1	1	.	🌧 I, III
22	2.6	3.9	2.8	3.1	4.9	618.8	618.5	618.6	55	52	65	NE 1–2	SE 3	SE 2	7	5	5	.	🌧 II
23	2.6	5.0	0.8	2.8	4.7	617.2	615.7	614.1	74	59	80	SE 3	SE 4	W 1	5	5	7	0.3	a 🌧, 🌧 II, n ✳°
24	-2.4	-1.8	-3.6	-2.6	-0.6	612.6	612.4	614.2	100	100	100	W 1	NW 1	NW 3	10	10≡*	10≡*	16.9	△ 8ª, ✳ ≡, 🌧 III
25	**-5.2**	-4.6	-4.0	-4.6	-2.5	616.6	618.1	619.6	100	100	100	SW 2	W 0	W 0	10≡	10≡	7	0.9	≡ ✳° n–II
26	-5.0	-3.0	**-5.2**	-4.4	-2.2	619.2	619.6	620.9	100	100	100	E 0–1	SE 0	W 0	7	7	0	.	≡° n–II
27	-2.0	-2.2	-4.2	-2.8	-0.5	621.2	619.7	620.2	100	100	100	W 2	W 3	W 0–1	10	10*	10≡	33.7	✳², 🌧 II, ≡ III
28	-1.2	2.0	0.8	0.5	2.9	619.3	620.7	621.6	100	100	100	SW 1	NW 2-3	W 2	10	10≡	10●	7.9	🌧 ≡ II, ● III–n
29	-0.2	3.0	3.0	1.9	4.4	622.4	622.4	623.1	100	35	72	NW 0	W 0	W 1–2	10	0	0	.	
30	4.3	5.5	4.0	4.6	7.1	**623.2**	623.1	622.3	26	38	62	W 0	W 0	W 1–2	0	0	0	.	
																		Summe	
Mittel	0.6	2.1	1.0	1.3	—	615.8	615.7	615.9	82	77	83				7.7	7.1	5.7	219.8	

November 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712.6^m$, $G = -0.12^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−3.6	7.2	0.8	1.5	2.1	624.8	623.8	624.3	94	60	85	SW 1	S 2	NE 1	2	8	2	.	
2	−1.8	9.0	−1.0	2.1	2.9	624.7	624.5	626.1	96	56	68	W 0	NE 0	NE 1	5	8	0	.	
3	−3.8	**10.0**	0.4	2.2	3.2	625.5	623.7	624.2	81	**37**	76	W 0	S 1	W 1	7	6	0	.	
4	1.0	8.1	4.2	4.4	5.6	622.1	621.9	621.9	84	49	84	E 0	S 1	SW 1	10	10	10●	0.8	●° III–n
5	0.4	8.5	3.1	4.0	5.4	619.1	617.5	616.2	97	57	88	S 1	S 2	W 1	9	2	10	7.5	≡° I, n●
6	1.2	−0.9	−9.2	−3.0	−1.4	612.9	613.0	614.4	97	75	86	W 1	N 1	N 1	10*	10*	0	6.8	✳ n–II
7	−5.0	−1.0	−4.6	−3.5	−1.7	611.3	610.9	613.2	88	56	88	SE 0	SW 1	NE 1	10*	6	9	3.0	a ✳
8	−5.6	−0.6	−4.0	−3.4	−1.4	616.6	617.8	619.6	87	53	84	SE 1	SW 0	N 1	9	3	10	.	
9	−6.2	2.6	−0.8	−1.5	0.7	620.2	619.8	620.6	90	53	75	S 0	S 1	NE 1	10	7	10	.	
10	−4.0	3.0	−0.2	−0.4	2.0	620.8	620.6	621.5	89	66	90	S 0	NE 0	W 1	10	10	4	.	
11	2.6	4.6	4.6	3.9	6.4	621.5	620.9	621.1	94	87	97	— 0	SW 1	E 1	10	10	10●	5.5	● a, III–n
12	3.8	6.2	4.8	4.9	7.6	620.2	618.4	616.7	97	91	91	W 0	SW 1	SW 3	10●	10●	10●	**26.2**	●², ⌣ III
13	4.6	3.2	0.8	2.9	5.8	612.2	610.6	**609.9**	95	91	97	NW 1	NW 2	NW 1	10●	10●	8	11.1	● n–p, ✳ 6p
14	−2.6	1.4	1.2	0.0	3.1	612.1	612.5	612.2	95	68	67	W 1	SW 2	NW 2	10≡	3	8	.	≡ l, p ⌣
15	−1.9	2.1	−1.2	−0.3	3.0	613.1	614.3	617.4	85	50	70	W 1	SW 2	E 1	9	10	5	0.9	✳° ⌣, ✳ 5p
16	−3.8	0.4	−0.8	−1.3	2.2	618.3	618.0	620.3	77	76	100	S 1	W 2	N 1	9	10*	10*	20.7	✳ 11a–n
17	−0.9	3.0	0.9	1.0	4.7	624.0	624.5	626.3	100	65	100	N 1	E 0	W 1	10*	10*	10●	2.2	✳°, ● III
18	−0.2	3.2	−4.6	−0.5	3.3	627.9	627.5	627.3	100	82	94	W 1	NE 1	N 1	10≡	2	0	.	≡ I
19	−9.5	4.0	−3.6	−3.0	1.0	627.2	627.1	628.5	88	63	78	N 0	N 1	W 1	2	6	0	.	
20	−8.6	0.1	−6.0	−4.8	−0.6	629.1	628.9	**629.2**	85	54	79	S 0	SW 0	NE 1	0	0	0	.	
21	−9.8	4.2	−4.6	−3.4	1.0	628.1	627.3	627.2	84	54	78	S 0	SW 0	W 1	0	1	0	.	
22	−5.4	4.3	−1.2	−0.8	3.8	625.9	625.4	625.8	83	65	86	N 0	S 1	W 1	5	10	10	.	
23	−6.0	3.3	−3.2	−2.0	2.7	625.0	623.2	621.2	95	71	90	SW 0	SW 0	W 1	9	6	0	1.9	n (23/24) ✳
24	−0.2	−0.1	−1.2	−0.5	4.4	618.1	617.7	619.2	89	91	95	N 4	S 1	SW 1	10*	10*	10*	7.4	⌣ l, ✳
25	−4.2	0.8	−3.8	−2.4	2.7	621.3	622.5	624.0	95	60	77	W 1	N 0	— 0	10	10	10	.	
26	−5.7	−2.6	**−11.6**	−6.6	−1.3	625.0	625.5	627.1	86	65	84	SW 0	WSW 0	NE 1	10	2	0	.	
27	−10.8	1.4	−2.0	−3.8	1.6	625.4	623.7	624.4	86	62	100	N 1	N 1	NW 2	2	10	10	6.1	✳
28	−1.6	3.2	2.0	1.2	6.8	624.0	623.4	623.7	90	90	90	SW 1	N 3	N 2	10*	9	10	5.3	✳ l, ⌣ II, p ●, n ⌣
29	3.4	5.0	−3.9	1.5	7.3	626.2	627.4	628.6	57	63	90	W 1	NE 0	NE 1	4	6	0	.	
30	−8.5	1.0	−5.2	−4.2	1.8	**629.2**	628.2	627.9	86	65	84	SW 0	SW 0	NE 1	0	1	0	.	
Mittel	−3.1	3.2	−1.7	−0.5	—	621.7	621.3	622.0	89	66	86				7.4	6.9	5.5	Summe 105.4	

November 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^m$, $G = 0.00^{m}/_{m}$

1	7.0	15.0	11.8	11.3	4.5	719.4	717.8	718.4	75	44	55	E 0	SSW 0	SSW 0	7	10	3	1.7	n (1/2) ●
2	7.8	13.9	9.2	10.3	3.7	719.8	719.3	721.3	95	54	80	E 0	SE 0	SW 0	5	3	0	.	
3	6.0	12.3	9.0	9.1	2.7	720.0	718.6	719.1	85	55	71	E 1	SW 1-2	E 0	7	8	0	.	
4	7.1	12.6	9.2	9.6	3.4	716.6	715.2	715.6	83	58	100	E 0–1	S 0	NE 0	10	10	10●	1.2	● 5 1/2p–n
5	6.9	13.6	10.2	10.2	4.1	713.1	710.5	709.0	91	51	92	E 0–1	SE 0	E 0	3	10	10●	6.4	● 8p–n
6	8.0	12.2	5.8	8.7	2.8	708.1	708.4	707.7	81	**43**	54	SW 1–2	W 2–3	N 1–2	10	5	3	3.5	⌣ II, ⊽ III
7	4.1	8.3	4.7	5.7	0.0	707.1	705.3	710.3	97	58	92	S 0	SE 0	S 0	7●	9	10●	2.2	● n–l, 9p–n
8	3.6	8.7	6.2	6.2	0.7	714.2	713.8	715.8	89	44	81	SE 0	S 0	ESE 0-1	1	10	10	2.6	● 8 1/2–9 1/4p, n
9	4.4	9.9	7.4	7.2	1.9	715.0	714.1	714.6	100	62	84	E 0	E 0–1	E 0	10●	3	4	0.4	●° I
10	6.2	13.0	9.0	9.4	4.3	713.5	712.4	713.5	86	49	61	E 0	E 0	E 0	10	7	3	.	⊽ III
11	9.4	14.4	11.2	11.7	6.8	712.8	712.0	713.3	62	46	56	N 0	S 0	E 1	10	10	9	.	
12	10.0	**15.9**	10.6	12.2	7.5	711.5	708.8	708.4	68	49	96	E 0	S 0	W 0	9	10	10●	4.3	● 6 1/4p–n, n ⌣
13	7.6	8.4	7.0	7.7	3.1	705.6	704.9	**704.7**	100	96	81	SW 0	SE 0	E 0	10●	10	9	**18.1**	● a, n
14	5.2	9.6	6.8	7.2	2.8	709.4	708.0	708.3	100	49	81	SE 0	S 0	SW 0	8	6	10	4.8	n (14/15) ●
15	5.9	7.5	6.8	6.7	2.5	709.8	711.7	716.3	97	74	65	S 0	W 0	SE 0	10	10●	10	1.8	● II
16	5.8	9.7	7.4	7.6	3.5	717.5	717.4	720.9	94	60	70	SW 0	W 3	W 0	10	10●	8	1.0	● ⌣ II
17	5.0	9.8	7.0	7.3	3.4	722.6	722.5	**726.1**	93	69	84	NE 0	SW 0	NW 0	10	10	10	.	
18	4.8	10.2	5.4	6.8	3.1	725.6	724.2	723.6	100	62	91	E 0	SE 0	E 0	2	1	3	.	
19	2.6	9.0	5.9	5.8	2.3	724.2	724.3	725.1	100	58	83	E 0	S 0	E 0	6	7	0	.	⌴ I
20	2.4	9.0	3.7	5.0	1.7	725.2	724.0	724.2	92	45	76	E 0	E 0–1	E 0	0	0	0	.	⌴ I
21	2.4	9.6	7.6	6.5	3.3	722.0	720.3	719.8	70	49	55	E 0	SE 0	NE 0	1	8	1	.	⌴ I
22	4.4	11.4	5.9	7.2	4.2	720.1	718.9	719.5	61	45	89	E 0–1	E 0–1	NE 0	7	5	2	.	
23	3.5	7.3	5.9	5.6	2.8	718.4	715.8	715.0	100	82	91	SE 0	S 0	E 0	3	7	2	0.6	⌴ l, ≡² 10s, n ●°
24	5.2	5.2	4.4	4.9	2.3	713.8	714.0	717.3	100	97	90	W 0	W 1	SW 0	10	10●	10	4.9	● a–II
25	3.6	6.6	4.4	4.9	2.4	719.9	720.6	722.6	91	71	82	SW 0	SW 1–2	SE 0	10	8	10	0.2	●° I
26	3.3	7.4	3.1	4.6	2.3	722.4	722.6	725.8	100	63	71	S 0	W 0–1	NE 1	10	4	1	.	
27	0.4	4.6	4.3	3.1	1.0	724.4	723.5	722.7	83	74	95	ESE 0	S 0–1	S 0	4	10	4	0.6	⌴ l, ●° 5 1/2p
28	4.3	6.0	6.7	5.7	3.7	722.3	722.2	722.8	91	96	96	SW 0	S 0	S 1	9●	9●	3	2.0	● a–II
29	5.5	9.0	4.2	6.2	4.4	723.5	724.3	725.1	99	76	95	NE 0	S 0–1	NE 0–1	10	8	0	.	
30	0.8	6.8	2.8	3.5	1.9	725.7	722.3	724.2	97	56	79	E 0	E 0–1	E 0	0	0	0	.	⌴ I
Mittel	5.1	9.9	6.8	7.3	—	717.4	716.6	717.7	89	61	80				7.0	7.3	5.2	Summe 56.3	

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$,
$Hb = 276.2^m$, $G = 0.03\,{}^m/_m$.

Lugano.

November 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	8.0	14.6	11.8	11.5	2.9	743.4	742.7	742.6	96	78	88	N o	SE o	N o	1	10	10	.	
2	9.8	15.6	9.0	11.5	3.1	742.8	742.4	744.2	94	78	95	N o	S o	N o	10	8	1	.	
3	8.4	14.2	9.4	10.7	2.4	744.2	742.7	741.0	91	75	94	N o	SSE o	N o	1	2	0	.	
4	8.8	13.4	11.0	11.1	3.0	740.6	739.6	738.5	96	81	92	W o	E o	NW o	10	10	10	.	
5	8.8	14.2	11.2	11.4	3.5	736.6	735.8	734.0	98	80	88	NW o	SSE o	NW o	8	6	10	7.2	
6	9.4	14.0	6.0	9.8	2.0	729.1	728.3	730.8	97	47	64	NW o	NNW 1	N o	10●	8	0	1.4	n a ●, Ψ III
7	8.0	12.2	5.0	8.4	0.8	728.3	727.9	730.0	60	64	87	N o	SE o	N o	9	0	0	.	
8	3.2	15.4	6.6	8.4	1.0	734.3	735.1	737.8	81	29	62	N o	NNE o	N o	0	0	5	.	
9	4.2	12.0	7.0	7.7	0.4	739.7	738.7	740.1	72	56	76	N o	SSE o	N o	2	0	4	.	
10	8.0	13.0	10.2	10.4	3.3	738.9	738.6	740.1	77	66	78	NW o	SE o	N o	10	9	10	3.4	n (10/11) ●
11	8.4	9.8	9.2	9.1	2.1	740.7	740.5	740.5	98	96	98	NNW o	S o	NW o	10●	10●	10●	**13.4**	●, n ●
12	9.4	10.0	10.4	9.9	3.1	739.2	737.8	734.9	99	98	98	N o	NNE o	NNE o	10●	10●	10	8.3	●, n ●
13	12.4	15.0	5.8	11.1	4.4	729.2	**725.6**	726.2	92	70	96	S o	NE o	N o	10	10	0	5.8	●
14	4.6	12.8	7.0	8.1	1.6	729.2	729.7	730.2	94	73	88	NW o	SE o	N o	0	0	0	.	
15	4.6	13.4	8.2	8.7	2.3	730.4	730.5	735.0	90	64	52	NE o	E o	NE o	0	0	0	.	
16	7.4	12.0	12.0	10.5	4.3	737.4	736.3	738.7	88	54	48	NNE o	SE o	NE 2	0	0	9	.	⸙ 6–$9^1/_2{}^p$
17	11.8	13.8	8.4	11.3	5.3	740.5	741.3	743.6	52	68	74	NE o	SE o	N o	0	1	0	.	
18	4.8	13.2	7.4	8.5	2.6	744.0	745.7	747.1	89	72	85	N o	SSE o	N o	0	0	0	.	
19	3.6	11.4	5.4	6.8	1.1	746.2	744.6	746.2	97	77	91	N o	S o	N o	0	0	0	.	⌊ I
20	3.0	11.8	5.2	6.7	1.1	748.4	748.0	**749.0**	90	70	89	N o	S o	N o	0	0	0	.	⌊ I
21	2.4	10.4	5.0	5.9	0.5	748.5	747.8	747.6	90	72	84	N o	S o	N o	0	0	0	0.3	⌊ I
22	7.4	8.8	7.4	7.9	2.6	746.3	746.3	745.8	90	93	95	SSW o	S o	N o	10	10	10	0.8	●° n–I, $8^1/_4$–$8^1/_2{}^a$, n
23	7.4	9.2	7.8	8.1	3.0	745.0	743.4	741.0	97	92	97	SE o	SW o	SW o	10	10	10	2.8	●° $6^1/_2{}^p$, n ●
24	5.8	6.4	4.8	5.7	0.7	738.3	738.5	739.8	95	95	98	NW o	NW o	NNW o	10●	10●	9	1.2	a ●, p ●°
25	**2.2**	13.4	7.6	7.7	1.8	739.8	739.7	743.8	96	31	77	N o	NNE 1	NNW o	0	2	10	.	
26	4.2	9.8	3.8	5.9	1.1	745.7	745.0	746.0	90	76	84	N o	SW o	N o	2	0	0	.	
27	**2.2**	9.2	13.0	8.1	3.5	743.8	740.8	739.9	87	70	38	N o	S o	NE o	9	10	0	.	⌊ I
28	2.6	10.0	4.2	5.6	1.1	742.0	739.8	738.4	86	67	90	N o	S o	N o	0	0	0	.	
29	18.6	**20.0**	8.2	15.6	11.3	740.0	742.3	744.9	**21**	37	71	NNE 2	NNE 1	N o	1	7	0	.	⸙ $4^1/_2{}^a$–II
30	4.0	11.8	4.6	6.8	2.6	746.1	745.4	745.0	77	65	81	N o	S o	N o	0	0	0	.	
Mittel	6.8	12.4	7.7	9.0	—	739.9	739.4	740.1	86	70	82				4.4	4.4	3.9	Summe 44.6	

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$,
$Hb = 277.2^m$, $G = 0.13\,{}^m/_m$.

Basel.

November 1913.
Bernoullianum.

1	9.0	12.8	11.8	11.2	4.8	738.4	737.8	739.6	86	73	90	E 1	SE 1	W o	10	7	10●	2.5	● $11^3/_4{}^a$–$0^1/_2$, $4^1/_2$, 7–$9^1/_2$,
2	8.6	14.2	10.0	10.9	4.7	742.3	742.0	741.6	97	72	89	SE o	E o	SE o	8≡	2	0	.	≡ I [11^p–$0^3/_4{}^a$
3	8.4	**15.2**	12.6	12.1	6.0	741.6	741.0	741.0	94	75	86	SE 1	NE o	NE o	8	8	10	0.1	●° $5^1/_2$, $7^3/_4{}^p$
4	10.8	14.6	12.0	12.5	6.6	739.8	737.8	736.7	95	82	93	SE o	S 1	SE o	10●	8	10●	6.6	● 7–$11^1/_4{}^a$, 8^p–0^a
5	11.0	15.0	11.2	12.4	6.7	734.7	733.2	729.4	95	71	97	SE 1	NW o	E o	6	10	10●	9.7	● 3–$3^3/_4{}^a$, $4^3/_4{}^p$–$0^3/_4{}^a$
6	8.2	10.9	8.6	9.2	3.6	732.8	732.0	730.1	81	62	81	SW 1	S 1	W 1	9	7	10●	2.5	●° $9^1/_4{}^a$, ● $9^1/_4{}^p$–$0^1/_2{}^a$
7	6.0	7.6	6.8	6.8	1.4	729.2	729.0	733.5	91	86	83	SE 1	SE 1	W 1	10	10●	10	2.2	● 11^a–$3^3/_4{}^p$, ●° $8^3/_4{}^p$
8	5.8	11.0	7.2	8.0	2.7	736.9	736.4	736.3	88	**48**	83	SW o	SW 1	E o	8	9	10●	4.0	● 5–$11^3/_4{}^p$ [$6^3/_4$–$9^3/_4{}^a$, 7^p
9	7.6	13.0	9.8	10.1	5.0	736.3	735.7	736.1	94	71	92	SE 1	SE 1	SE o	10●	10	7	0.5	● $1^3/_4$–$2^3/_4$, $4^1/_4$–$6^1/_4{}^a$, ●°
10	8.6	13.8	9.4	10.6	5.6	735.5	735.0	734.7	86	65	84	SE 1	SE 1	E o	7	5	0	0.1	●° 10^a [$10^1/_2$–$11^1/_4{}^p$
11	9.4	10.0	9.6	9.7	4.8	733.7	733.8	734.8	84	86	96	SE 1	SE o	SE o	10●	10●	10	13.2	● $6^3/_4$–$9^3/_4$, $11^1/_2{}^a$–$6^3/_4$,
12	10.6	11.8	9.8	10.7	6.0	732.9	731.3	731.5	85	90	97	E 1	SE 1	SW o	10●	8	10●	**32.2**	●^{2} 5–$6^1/_2$, 8^a–$0^1/_2$, 3^p–n
13	8.6	12.2	8.6	9.8	5.2	727.0	**725.8**	727.2	78	64	68	SE 1	SW 1	W 1	10	10	10●	1.0	●^{2} n–$4^3/_4{}^a$, ● 8–9^a, $2^1/_2$–3,
14	6.8	8.6	7.6	7.7	3.3	730.5	730.8	729.7	71	61	81	SW 1	SW 1	W 1	7	10	10	1.2	●° 6, 7, $10^1/_4{}^p$ [$9^1/_2$–$10^1/_2{}^p$
15	7.8	8.0	6.0	7.3	3.0	732.3	732.7	737.5	78	73	88	W 1	W 2	W 1	10	10●	10	6.8	● $0^3/_4$–$2^3/_4$, 9^a, $1^1/_4$–$6^3/_4$, *)
16	8.6	9.8	8.2	8.9	4.8	737.4	739.0	742.7	78	74	81	SW 2	NW 2	SW 1	10●	10●	10	6.5	● $2^1/_2$–$2^3/_4$, 5–$11^1/_2{}^a$, *)
17	8.8	11.2	10.0	10.0	6.0	744.9	745.5	746.8	92	69	95	SW o	W 1	S o	10●	10	10	2.2	● $5^3/_4$–9^a, $0^3/_4$–$1^1/_4$, $7^1/_2$–
18	9.2	14.2	11.4	11.6	7.8	746.9	745.6	745.6	97	76	90	E 1	E o	S o	8	6	10	0.1	●° $10^1/_2{}^p$ [$7^3/_4$, $10^1/_2{}^p$–$0^1/_2{}^a$
19	11.2	9.0	6.0	8.7	5.0	746.5	748.6	**749.8**	80	86	88	W 1	NW o	SE o	10	9	1	1.9	● $11^1/_4{}^a$–$1^1/_4{}^p$
20	**1.8**	7.9	4.0	4.6	1.1	748.0	746.9	746.1	96	83	93	SE 1	SE o	SE o	10	1	0	.	
21	2.8	8.2	5.4	5.5	2.1	744.2	743.3	742.6	97	81	88	SE o	S o	SE 1	1≡	4	4	.	≡ I
22	4.8	9.4	6.8	7.0	3.8	742.2	742.6	743.6	90	76	94	SE 1	SE o	S o	7	4	0	.	
23	5.6	7.0	6.2	6.3	3.2	742.2	740.2	738.8	94	88	91	W o	NW o	S o	10≡	10	10	.	≡ I
24	6.2	7.8	6.4	6.8	3.8	737.2	737.5	740.0	88	91	88	S o	W o	SW o	10	10●	10●	7.2	●° 0p, ● $1^1/_4{}^p$–n
25	3.8	5.2	5.0	4.7	1.9	744.2	745.8	747.2	97	94	94	SW o	SE o	SE o	10●	10●	10	1.2	● n–$1^3/_4{}^p$
26	3.4	6.4	2.8	4.2	1.5	747.2	747.4	748.3	90	85	89	E o	SE o	SE 1	8	8	0	.	
27	4.2	7.6	6.8	6.2	3.7	747.3	746.9	747.1	87	91	94	SE o	W 1	S o	10	10●	10	4.6	●° 9^a, ● $10^1/_4{}^a$–$4^3/_4{}^p$
28	6.0	7.6	8.4	7.3	4.9	745.9	746.3	747.3	82	91	92	W o	E o	SE o	10	10	10	2.2	● 8–$10^1/_2{}^a$
29	7.6	10.6	6.0	8.1	5.8	748.2	748.1	748.7	94	82	97	SW o	E o	SE 1	7	5	8	.	
30	3.6	8.6	4.4	5.5	3.3	748.5	747.7	746.3	93	84	93	SE o	SE o	SE o	9≡	0	0	.	≡ I
Mittel	7.2	10.3	8.0	8.5	—	739.8	739.5	740.0	89	78	89				8.8	7.7	7.3	Summe 108.5	*) **15.** 9–$9^1/_4{}^p$, △° $3^3/_4{}^p$ *) **16.** $3^1/_2$–$8^1/_4$, $10^1/_4{}^p$–$0^1/_2{}^a$

November 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$Hb = 2500.1^m$, $G = -0.16\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	1.0	**3.7**	2.5	2.4	5.6	565.8	565.8	565.4	60	64	70	SSW 1	WSW 2	WSW 2	4	8	3	7.3	n (1/2) ✳
2	−1.5	−0.5	−0.2	−0.7	2.6	566.2	567.1	567.5	100	93	59	WSW 3	WSW 4	WSW 4	10≡	5	1	.	≡ n−11 3/4a, p 🌧
3	0.6	2.6	−1.1	0.7	4.2	567.3	567.0	566.2	57	**48**	100	WSW 3	WSW 4	WSW 3	7	9	10≡	.	🌧, ≡ 4 3/4p−n
4	−1.7	−0.6	−0.8	−1.0	2.6	564.7	564.1	563.0	98	90	92	WNW 3	WSW 3	SSW 1	9	9	10✳	3.3	≡ 7 3/4a−1p, ✳° 9 3/4a− *)
5	−1.4	−0.4	−1.1	−1.0	2.7	561.3	560.2	557.8	98	98	85	WSW 2	SW 2	WSW 2	10≡✳	10≡	10✳	28.4	✳ 7 1/4−8a, ≍ 7 1/2a− *)
6	−5.8	−6.2	−8.1	−6.7	−2.8	555.9	555.3	554.5	100	100	95	WSW 2	WSW 2	WSW 3	10≡✳	10≡✳	3	19.1	✳ n−3 3/4p, ≡ n−6p, a *)
7	−8.5	−7.9	−8.2	−8.2	−4.2	552.8	552.9	554.9	100	98	100	WSW 3	WSW 1	WSW 2	10≡✳	9	10≡✳	29.4	✳2 ≡ n−10a, 3 1/4p−n, *)
8	−9.2	−7.7	−4.3	−7.1	−3.0	558.1	558.8	559.8	100	98	100	WSW 3	WSW 2	WSW 3	10≡✳	10	10≡✳	25.6	✳ n−11 1/2a, ≡ n−1 1/2p, *)
9	−3.1	−1.9	−1.8	−2.3	2.0	560.7	561.4	562.0	100	100	98	WSW 3	WSW 3	WSW 3	10≡✳	10≡✳	9	4.9	✳ ≡ n−5p, ⊹ ⋁ n−9p
10	−2.1	−0.8	−1.8	−1.6	2.8	562.1	562.4	562.4	98	95	83	WNW 1	SSW 1	SW 1	9	9	3	.	
11	−0.1	0.4	−0.2	0.0	4.5	562.0	561.5	561.9	83	85	88	SSW 2	WSW 4	SW 4	9	9	8	.	🌧 II, III−n, Ψ 5 3/4−7p
12	0.2	0.8	0.3	0.4	5.0	561.2	559.1	557.7	89	90	90	SW 4	WSW 5	W 4	8	8	9	19.0	🌧, n ✳
13	−3.2	−3.6	−6.1	−4.3	0.5	554.4	552.6	**551.6**	100	100	100	WSW 3	WSW 3	WSW 3	10≡✳	10≡✳	10≡✳	30.7	🌧 10 1/2a, ≡ ✳2 ⊹2 ⋁
14	−7.7	−6.8	−4.6	−6.4	−1.5	553.1	553.9	553.4	100	98	100	WSW 3	SW 3	WSW 4	10≡✳	8	10≡✳	27.6	✳ n−8 1/2a, 🌧 10 1/2a, *)
15	−6.7	−7.6	−7.4	−7.2	−2.2	554.8	555.3	558.2	100	100	100	WSW 4	WSW 3	SE 2	10≡✳△	10≡✳	10≡✳	35.4	🌧 l, △ ≡2 ✳2 ⊹2 ⋁
16	−6.6	−5.7	−5.4	−5.9	−0.8	558.2	558.7	562.3	100	100	100	WSW 4	WSW 3	SW 2	10≡✳	10≡✳	10≡✳	**77.1**	a 🌧, ≡2 ✳2 ⊹2 ⋁
17	−5.6	−4.4	−1.1	−3.7	1.5	565.2	566.3	568.9	100	100	100	WSW 2	WSW 3	NW 2	10≡✳	10≡✳	10≡✳	34.7	🌧 10 1/2a, ⊹2 n−6p, *)
18	−1.6	−1.6	−3.4	−2.2	3.2	569.4	568.8	568.3	100	98	84	WSW 2	WSW 2	WSW 5	10≡	7	4	0.7	a ⋁, ≡ n−3 1/4p, p 🌧, n ✳°
19	−3.1	−2.9	−4.6	−3.5	2.0	568.1	568.6	569.6	100	100	100	WSW 3	WSW 2	SW 2	10≡✳	10≡✳△	10≡	29.7	✳2 △2 ⊹ n−8 1/2p, ≡ ⋁
20	−4.8	−2.4	−1.4	−2.9	2.7	569.2	569.7	570.0	62	50	50	WSW 4	WSW 4	WSW 4	1	1	0	.	🌧
21	−0.7	0.4	−1.1	−0.5	5.2	568.5	568.2	566.9	66	65	65	SW 2	WSW 2	S 2	1	4	3	.	
22	−4.6	−2.5	−1.8	−3.0	2.8	566.2	566.3	566.7	87	86	85	SSW 2	SSW 1	ENE 2	7	7	7	.	
23	−1.9	−1.6	−2.8	−2.1	3.8	565.5	564.2	562.1	86	89	85	SSW 2	SSW 2	NNW 3	5	8	10	.	
24	−4.5	−2.8	−7.2	−4.8	1.3	559.8	559.6	560.3	98	98	100	ESE 2	ENE 1	WSW 3	7	10≡	10≡✳	16.7	≡ o1/2p−n, ✳ 2 1/4p−n
25	−9.0	−8.2	−8.4	−8.5	−2.3	562.7	564.3	565.5	100	100	100	WSW 2	WNW 1	NNW 1	10≡✳	10≡✳	10≡✳	2.7	a ⋁ ⊹2, ≡2 ✳
26	**−9.3**	−7.6	−5.4	−7.4	−1.1	565.4	565.9	567.3	98	90	56	NE 1	SSE 2	NW 1	9	1	2	1.4	n (26/27) ✳
27	−5.9	−7.0	−7.9	−6.9	−0.5	566.8	565.4	565.9	100	100	100	WSW 3	E 1	SE 1	10≡✳	10≡✳	10≡✳	63.5	≡ ✳2 ⊹2 ⋁
28	−4.8	−2.5	−1.2	−2.8	3.7	565.4	567.2	568.1	100	100	100	WNW 3	WSW 1	NW 2	10≡✳	10≡✳	10≡✳	16.5	a ⊹2, ≡2 ✳ △⋁2, p ⊹
29	−3.6	−2.5	−3.4	−3.2	3.4	568.6	569.5	570.1	98	92	95	NNW 1	WNW 1	SSW 4	10≡	2	1	.	≡ n−11a, 🌧 III
30	−1.6	−1.9	−0.6	−1.4	5.3	570.6	**570.7**	569.5	49	68	100	W 1	SW 3	WSW 3	o	1	2	.	≡ 4−9 1/4p
Mittel	−3.9	−3.0	−3.3	−3.4	—	563.0	563.1	563.3	91	90	89				8.2	7.8	7.2	Summe 473.7	

*) 4. 3 1/4p, ✳ 8 1/2p−n *) 5. 2p, 🌧 4 1/2p, ✳2 9 1/2p−n *) 6. ⊹, ⋁, p ⊹2 *) 7. ⊹ ⋁ *) 8. ⊹2 ⋁, Ψ 5 1/2−5 3/4p, ≡ ✳2 7 3/4p−n *) 14. III−n, ⊹2 ⋁, ≡ n−8 3/4, 11 1/2a−o1/2, 8 1/2p−n, ✳2 4 3/4p−n *) 17. ⊹−n, ≡2 ✳2 ⋁, △ 4−5p

November 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$Hb = 2102.9^m$, $G = -0.14\,{}^m/_m$.

Tag	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	Niederschlag	Witterung
1	0.7	1.2	0.8	0.9	2.6	595.0	595.0	595.0	77	89	81	SE 1	S 1	SE 1	9	10	10	.	
2	−0.2	3.1	2.0	1.6	3.4	595.2	595.9	596.5	72	41	33	SE 0	N 0	N 0	3	4	1	.	
3	2.0	**5.5**	0.9	2.8	4.8	595.9	595.7	594.9	46	34	39	SSE 1	E 0−1	NE 1	8	8	2	.	
4	1.1	3.6	1.1	1.9	4.0	593.4	592.9	591.7	53	53	76	N 0	N 0	N 0	10	9	8	.	
5	−0.2	4.2	0.3	1.4	3.7	589.7	588.9	587.1	71	54	100	NE 0	S 1	N 1	1	8	10≡	6.7	≡2 7 1/2p−n, n ✳
6	−2.3	−4.0	−6.2	−4.2	−1.8	583.8	583.6	584.0	97	96	65	N 2	N 3	NNE 0	10−	10	1	5.0	≡ l, a ⊹° ✳, 🌧 II
7	−5.3	−4.3	−5.6	−5.1	−2.5	581.5	581.4	584.2	90	80	92	N 2	N 1	N 3	10≡	10	10	6.7	≡ l, 🌧 III, n ✳
8	−6.4	−4.6	−4.5	−5.2	−2.5	587.5	588.2	589.9	91	57	74	N 2	NE 0	SSE 0	8	4	7	.	
9	−3.5	0.2	−3.4	−2.2	0.7	590.6	590.8	591.6	62	39	60	SE 1	S 1	SSE 1	4	4	3	.	
10	−1.0	1.7	−0.1	0.2	3.2	590.8	590.7	591.9	82	68	95	S 1	S 1	S 1	10	10	10	2.5	n (10/11) ✳
11	0.2	0.6	0.0	0.3	3.4	591.8	591.6	591.9	97	96	100	SSE 1	S 1	SE 1	10≡✳	10✳	10✳	33.1	≡ l, ✳2
12	0.6	1.4	1.2	1.1	4.4	590.8	589.0	586.6	100	100	100	SE 1	S 3	S 3	10≡✳	10≡●	10●	**94.4**	≡ n−II, ✳2 a, n, p 🌧 ●2
13	0.3	0.8	1.2	0.8	4.2	582.9	**581.1**	581.2	100	70	70	SE 1	S 1	N 0	10✳	10✳	8	20.0	✳
14	−4.8	−0.2	−3.2	−2.7	0.9	583.2	583.6	585.0	75	43	73	N 0	SE 1	SE 1	3	3	8	0.9	n (14/15) ✳
15	−3.6	−3.5	−6.0	−4.4	−0.7	584.9	585.1	588.1	80	74	97	NE 2	NNE 2	NNE 1	6	10✳	10≡	3.7	✳ 10a−p, ≡ III
16	−2.6	−2.6	−3.3	−2.8	1.0	589.4	589.4	590.8	52	76	81	NNE 0	NE 2	NE 2	9	10✳	10✳	27.9	✳2 11a−n, ⊹ 4p−n
17	−3.4	−2.0	−0.6	−2.0	2.0	593.9	594.9	597.4	97	95	97	N 5	N 4	N 2−3	10✳	10✳	10≡✳	5.5	⊹ 🌧 ✳, ≡2 🌧 III
18	−0.8	2.1	−0.1	0.4	4.5	598.3	598.0	597.8	97	48	65	N 2	SE 1	SE 1	7	0	2	.	
19	−1.4	−0.5	−2.0	−1.3	3.0	597.6	597.8	598.6	70	97	99	NNE 1	N 3	N 2−3	3	10≡	10≡	.	p 🌧 ≡
20	−2.2	2.0	−2.1	−0.8	3.6	599.1	**599.4**	599.2	22	26	**21**	NE 0	SE 1	S 1	0	0	0	.	
21	−1.4	1.6	−2.7	−0.8	3.7	598.2	597.8	596.8	40	55	77	S 2	S 1	S 1	0	4	5	.	
22	−2.4	−0.8	−1.4	−1.5	3.1	595.7	595.7	596.1	95	87	92	S 1	S 1	S 1	10	10≡	10	1.4	≡ II, n ✳
23	−1.5	−0.6	−2.5	−1.5	3.3	595.0	593.5	591.4	100	94	99	S 1	S 1	S 1	10≡	10✳	10✳	15.4	≡2 l, ✳ 9a−n
24	−3.2	−0.8	−4.2	−2.7	2.2	588.4	588.3	589.8	97	69	95	S 1	S 1	NE 1	10✳	10✳	10✳	14.5	✳
25	−6.1	−5.5	−6.0	−5.9	−3.9	591.5	592.5	594.3	92	95	92	N 3	N 3−4	N 3−4	10≡	10≡	10≡	6.2	≡ 🌧, ≡2 III, n ✳
26	**−6.8**	−6.7	−6.2	−6.6	−1.5	594.7	595.6	596.4	90	90	38	NE 2	N 0	N 1	3	0	1	.	
27	−5.8	−4.0	−5.8	−5.2	0.0	595.8	594.2	594.3	56	96	94	N 3	N 5	N 5	10	10✳	10✳	21.0	a 🌧, ✳ ⊹2 🌧 9a−n
28	−4.9	−0.4	−1.0	−2.1	3.3	594.4	594.0	595.4	95	97	96	N 5	N 5	N 5	10✳	10≡	10≡	10.0	a ⊹2 ✳, 🌧, p ≡2
29	−2.0	−1.2	−2.8	−2.0	3.5	596.2	597.7	598.7	96	95	95	N 5	NNE 4	N 3	10≡	7	2	.	≡2 I, 🌧, 🌧 III
30	−3.7	0.8	1.0	−0.6	5.0	**599.4**	599.3	598.1	79	42	39	N 2	N 2	N 1	o	o	o	.	
Mittel	−2.4	−0.4	−2.0	−1.6	—	592.2	592.0	592.5	79	72	78				7.1	7.4	6.9	Summe 274.9	

$\lambda = 7^\circ 26'$, $\beta = 46^\circ 57'$,
$Hb = 572.2^m$, $G = 0.05\,{}^m/_m$.

Bern.

Dezember 1913.
Tellur. Observatorium.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke									Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}		1^{30}		9^{30}		7^{30}	1^{30}	9^{30}			
1	−2.0	4.9	0.1	1.0	0.3	719.9	718.2	717.7	98	84	98	SW	o	W	o	W	o	4≡	1	4≡	.		☰² ⌊ I, ☰ III
2	−1.4	7.3	0.6	2.2	1.6	718.1	717.6	717.8	99	76	97	S	o	SW	o	SW	o	10≡	4≡	5≡	.		☰² ⌊ n–9ª, ☰, ☰² III–n
3	−1.1	1.8	−2.2	−0.5	−0.9	716.7	715.3	712.4	99	99	98	W	o	SW	o	S	o	10≡	10≡	10≡	.		⌊ I, III, ☰²
4	−1.9	**8.3**	2.0	2.8	2.5	709.1	708.3	711.9	97	70	88	S	o	SW	1	SW	1	10≡	10	10	8.0		⌊ ☰² I, ● 2–6½ᵖ
5	0.9	2.6	0.8	1.4	1.2	713.6	713.7	710.6	77	74	97	SW	1	SW	1	SW	1	4	6	10*	6.3		✳ 8¾–10½ª, ⊹ ✳ 5½ᵖ–n
6	3.1	3.8	3.9	3.6	3.6	707.2	704.4	704.0	92	94	97	W	1	W	1	W	o	10●	10●	10	**9.7**		● n–p
7	4.3	3.6	0.5	2.8	2.9	705.7	709.0	713.8	98	96	86	SW	o	SW	o	SW	o	10●	10	9	1.3		● n–11¾ª
8	−3.2	1.1	−2.5	−1.5	−1.3	718.5	719.0	721.3	95	70	96	N	o	NE	1	NE	o	1	1	1	.		⌊ I, Ψ 6ᵖ
9	−3.2	2.7	0.3	−0.1	0.2	720.8	719.7	718.5	96	70	94	SW	o	S	o	SE	o	8	2	3	.		⌊ I, Ψ 6ᵖ
10	2.6	5.9	2.6	3.7	4.2	716.0	715.9	717.3	93	91	96	SW	o	SW	1	SW	o	10	10	10●	6.8		●° 11½ª–0½ᵖ, ● 7½ᵖ–n
11	2.5	5.8	4.3	4.2	4.8	716.4	716.3	716.9	99	83	86	SW	o	SW	o	SE	o	10	10	10	.		
12	3.5	5.8	3.9	4.4	5.1	717.0	716.3	717.5	87	71	80	SE	o	S	o	SW	o	10	8	10	.		
13	2.4	4.5	3.8	3.6	4.4	717.0	716.1	717.9	83	82	97	SE	o	SE	o	SE	o	10	9	6	.		Ψ III
14	1.0	4.4	−0.2	1.7	2.6	720.2	719.9	720.5	96	57	87	SE	o	SW	1	S	o	8	7	4	.		Ψ III
15	1.5	4.7	0.2	2.1	3.1	721.0	719.9	719.2	77	66	97	SE	o	SE	o	S	o	9	9	2	.		
16	−2.0	2.8	−0.1	0.2	1.3	718.6	717.3	716.7	100	91	99	SW	o	SW	o	S	o	4≡	3≡	9	.		⌊ ☰² I, ☰–p
17	1.7	3.4	1.2	2.1	3.3	717.1	716.1	715.8	83	64	98	SW	o	SW	o	SE	o	8	10	10	7.3		● ✳ 3½ᵖ–n
18	0.4	1.0	1.0	0.8	2.1	715.4	714.7	714.8	99	97	88	NE	o	N	1	E	2	10	10	10	0.1		✳° 9½–10ª, ⌿ III ⊠
19	−2.3	−2.0	−2.9	−2.4	−1.1	715.0	716.5	718.2	85	84	87	NE	1	NE	1	NE	1	9	10	10	.		
20	−3.6	−3.2	−4.0	−3.6	−2.2	718.7	719.6	721.7	85	85	93	E	o	NE	o	E	o	10	10	10	.		
21	−5.7	−3.6	−3.7	−4.3	−2.8	724.0	724.6	**724.8**	98	93	99	SW	o	SW	o	NW	o	10	10≡	10	.		☰ II
22	−6.5	−3.4	−5.0	−5.0	−3.5	723.3	720.9	718.5	97	98	98	SW	o	SW	o	SW	o	10≡	9≡	10≡	.		⌊ I, III, ☰
23	−5.9	−4.0	−5.3	−5.1	−3.5	713.8	711.7	709.3	96	98	98	SE	o	S	o	S	o	10≡	10≡	10≡	.		⌊ ☰², ☰ II
24	**−6.6**	−0.8	0.9	−2.2	−0.6	707.3	705.5	707.2	96	99	96	SW	o	SE	o	SW	o	10≡	2	10	1.2		⌊ ☰² I, ⊹ ● 9–9½ᵖ, ⊠
25	−1.6	0.7	−4.6	−1.8	−0.1	714.1	716.9	720.8	91	64	94	SW	o	SW	o	S	o	8	4	1	.		[✳ 9¼–10¼ᵖ
26	−5.3	1.0	−3.9	−2.7	−1.0	722.7	722.4	721.0	85	60	88	SE	o	S	o	SE	o	6	4	3	.		
27	−5.0	8.0	6.5	3.2	5.0	716.1	713.0	711.2	90	**37**	46	S	o	WSW	o	SW	2	7	8	7	.		⌿ III [6¼ᵖ
28	5.2	6.2	1.5	4.3	6.1	700.8	**695.4**	699.9	55	66	71	SW	1	SW	2	W	o	9	10●	10	3.6		⌿ II, ● o¼–5½ᵖ, ● △ 6–
29	−1.7	0.1	−2.9	−1.5	0.4	697.6	696.6	697.8	96	81	96	SE	o	SE	o	NW	o	8	7	9	3.5		⊹ 9½–11½ª, ✳ 3½–*) ⊠
30	−5.2	−2.7	−4.4	−4.1	−2.2	700.2	701.6	705.4	97	84	97	SW	o	SW	o	NE	o	10	10	10	1.2		✳ 9½–11½ª, o–3½ᵖ, ⊠
31	−5.6	−4.2	−5.7	−5.2	−3.3	709.9	712.4	716.0	87	78	85	NE	1	NE	1	NE	1	10	9	7	.		p ⊹° ✳° [⊹–n ⊠
																					Summe		
Mittel	−1.3	2.1	−0.4	0.1	—	714.6	714.0	714.7	91	79	91							8.5	7.5	7.7	49.0		*) **29.** 3¾, 4½–7ᵖ

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$,
$Hb = 487.3^m$, $G = 0.06\,{}^m/_m$.

Neuenburg.

Dezember 1913.
Observatorium.

1	3.3	3.6	4.3	3.7	0.9	727.7	726.2	725.4	95	97	100	NW	1	SW	1	N	o	10≡	10≡	10≡	.		☰, ☰² III–n
2	2.3	4.6	3.0	3.3	0.6	725.9	725.5	725.6	100	97	100	N	1	SW	1	NW	1	10≡	10≡	10≡	.		☰² I, III, ☰
3	2.6	5.6	1.8	3.3	0.8	724.3	722.8	719.8	96	88	100	W	1	SW	1	NW	1	10	5	8	.		☰° II
4	7.5	**9.1**	4.8	7.1	4.7	716.5	715.7	719.7	72	79	81	W	2	SW	3	SW	2	5	10●	10	2.0		☰° I, ⌿ II, ● oᵖ–n [III–n
5	2.9	4.2	1.3	2.8	0.5	721.7	721.4	718.2	73	60	96	W	2	SW	2	SW	3	9	6	10*	14.1		✳° 9–10½ª, ✳ 5ᵖ–n, ⌿
6	2.8	3.2	5.5	3.8	1.7	715.3	712.1	711.6	94	91	91	SW	3	SW	3	W	2	10●	10●	10	**21.6**		● ⌿ n–9ᵖ
7	5.3	6.2	1.5	4.3	2.3	712.9	716.5	721.6	98	86	85	NW	o	NE	1	NE	1	10●	8	10	.		● n–7½ª
8	−2.2	3.4	−1.5	−0.1	−2.0	726.4	727.0	729.1	82	59	71	NE	1	E	2	NE	1	2	3	2	.		⌊ I
9	−2.4	3.3	1.3	0.7	−1.1	728.5	727.7	726.2	94	79	87	NE	1	SW	1	NW	1	7	7	3	.		☰° ⌊ I
10	5.5	7.2	4.8	5.8	4.1	723.9	723.9	724.5	81	81	78	SW	2	NW	2	NW	1	9	10●	10	1.9		a ●°, ● oᵖ–n
11	4.8	7.3	5.4	5.8	4.3	724.1	724.0	724.6	85	71	71	NW	1	N	1	NW	1	10	7	8	.		
12	4.5	6.2	4.6	5.1	3.7	724.6	724.1	725.4	81	74	73	N	1	SW	1	NW	1	10	10	9	.		
13	3.3	5.4	4.1	4.3	3.0	724.6	724.0	726.0	84	81	76	NW	o	SW	1	N	1	9	10	6	.		●°
14	1.9	6.3	2.9	3.7	2.5	728.0	727.7	728.2	72	53	64	N	1	NW	1	NW	2	6	4	7	.		
15	2.6	4.7	0.6	2.6	1.4	728.3	727.8	727.0	82	80	94	SW	1	SW	1	N	1	10	10●	2	.		●° 1–2ᵖ
16	0.6	4.8	4.3	3.2	2.1	726.3	725.0	724.4	100	87	75	NE	1	SW	1	NW	1	10	3	7	.		
17	2.8	4.3	3.1	3.4	2.4	724.9	723.7	723.5	61	73	89	NW	1	SW	2	NW	1	6	10	10●	1.5		● 2½ᵖ–n
18	1.9	2.5	2.0	2.1	1.2	723.0	722.5	722.3	98	85	81	NE	1	NE	2	NE	2	10	8	10	0.2		●° n–9½ª
19	−1.6	−1.2	−2.0	−1.6	−2.4	722.6	724.4	726.2	76	78	70	NE	3	NE	2	NE	2	10	10	10	.		⌿ I
20	−2.8	−2.6	−3.2	−2.9	−3.7	726.7	727.6	728.9	83	84	83	NE	1	NE	1	NE	1	10	10	10	.		
21	−2.9	−1.4	−2.4	−2.2	−2.9	731.7	732.5	**732.9**	89	88	96	NE	1	NE	1	NE	1	10	10	10	.		
22	−2.9	−1.2	−1.6	−1.9	−2.5	731.3	728.9	726.2	94	92	94	NE	1	NE	1	N	1	10	10	10	.		
23	−3.5	−0.8	−1.8	−2.0	−2.6	721.5	719.5	716.3	96	84	96	NW	1	SW	1	N	o	10	3	10	.		
24	−2.0	−0.2	3.1	0.3	−0.2	714.8	713.2	714.6	96	89	65	NW	1	NE	1	N	2	9	9	10	0.2		☰° II, ●° 6½ᵖ–III, ⌿ 10ᵖ
25	0.2	1.0	−2.1	−0.3	−0.8	721.7	724.5	728.8	79	49	62	NW	1	N	2	N	1	7	4	0	.		n a ✳°
26	−3.8	3.6	0.1	0.0	−0.4	730.8	730.3	728.7	80	69	73	N	1	SW	1	NW	1	7	6	0	.		☰° II
27	3.2	8.5	7.3	6.3	5.9	724.0	721.0	719.1	55	**48**	58	SW	2	SW	3	SW	3	4	9	9	.		p n ⌿
28	6.6	3.6	1.4	3.9	3.6	708.7	**703.4**	707.4	51	90	75	SW	3	SW	4	NW	1	9	10●	7	6.1		a ⌿, ⌿ 11½ª–5½ᵖ, ● o½–
29	−0.2	−0.4	−1.4	−0.7	−1.0	705.2	704.5	705.5	74	82	73	N	1	N	1	N	2	10	9*	8*	0.6		✳° a–1¾, 9¼–9½ᵖ [4½ᵖ
30	−3.4	−1.9	−3.8	−3.0	−3.2	707.7	709.5	713.4	63	59	74	N	3	N	1	NE	1	8	10	7	.		⌿ I
31	**−4.5**	−2.5	−4.2	−3.7	−3.9	717.8	720.1	723.7	63	57	60	N	1	NE	1	NE	2	7	10	7	.		☰° III
																					Summe		
Mittel	1.0	3.1	1.4	1.8	—	722.3	721.8	722.4	82	77	80							8.5	8.1	7.7	48.2		

Dezember 1913.
Beobachter: Frl. *H. Nager.*

Altdorf.

$\lambda = 8° 39'$, $\beta = 46° 53'$,
$Hb = 456.3^m$, $G = 0.05^{m}/_{m}$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−0.6	7.6	0.8	2.6	0.0	729.9	728.9	727.5	100	87	99	SE 0	E 0	SE 0	0	0	0	.	⌊ I
2	0.6	6.8	3.0	3.5	1.0	728.3	728.7	728.0	99	84	93	SE 0–1	N 0	NE 0–1	8	5	0	.	
3	−0.6	5.4	1.8	2.2	−0.1	726.2	724.4	721.8	98	90	100	SE 0	N 0	N 0	3	0	10≡	.	≡² III
4	1.6	**13.8**	3.7	6.4	4.2	718.9	718.0	722.2	100	**29**	98	N 0	E 2	NW 0–1	3	8	10	2.1	↙ $9^2/_4{}^a$–$5^1/_2{}^p$, ● 6p–n
5	4.7	5.0	1.8	3.8	1.7	723.1	723.1	720.1	38	42	90	NW 1	N 3	NE 0–1	5	8	10*	17.9	↙ II, ✳ III–n
6	1.2	1.4	1.7	1.4	−0.6	716.8	715.3	714.2	100	100	100	NE 0	E 0	NE 0	10●	10●	10●	**45.1**	●²
7	2.5	3.9	2.8	3.1	1.3	716.3	718.8	722.8	99	90	89	E 0	SE 0	E 0	10●	10●	10●	1.9	●
8	0.7	2.6	−1.6	0.6	−1.1	728.8	729.5	732.3	68	52	68	NW 0	E 0	SE 0	6	0	10	.	
9	−0.2	4.2	1.9	2.0	0.4	731.0	730.2	727.6	75	55	79	SE 0	E 0	SE 0	7	0	0	.	
10	2.6	8.0	3.3	4.6	3.1	725.3	726.0	726.0	91	70	100	E 0	N 3	NNW 3	10	10	10	18.7	● ↙ $9^3/_4{}^a$–n
11	2.2	6.2	4.8	4.4	3.0	726.2	727.1	727.1	100	80	100	E 0	E 0	SE 0	10	10	10	0.5	a ●°
12	4.4	5.4	4.4	4.7	3.4	727.1	727.9	727.6	97	89	70	SE 0	E 0	SE 0–1	10	10	10	.	
13	1.8	5.4	3.3	3.5	2.3	727.2	726.9	727.8	78	60	73	SE 0–1	NE 0	NW 1–2	9	10	9	3.2	● $2^3/_4$–$8^1/_4{}^p$
14	4.2	5.9	2.8	4.3	3.2	728.8	729.9	729.6	62	50	75	N 0–1	NE 0	SE 0	10	10	10	0.2	n $(^{14}/_{15})$ ●°
15	3.2	5.2	3.6	4.0	3.0	730.5	731.1	729.5	74	64	94	E 0	N 1	E 0	10	10	10	.	
16	2.8	5.6	0.8	3.1	2.2	728.2	727.3	726.5	98	80	99	E 0	E 0	SE 0	3	2	4	.	
17	2.5	1.6	1.0	1.7	0.9	727.8	727.5	726.3	80	95	100	E 0	E 0	S 0	10	10	10	10.2	✳ ● $2^3/_4{}^p$–n
18	1.0	2.6	1.3	1.6	0.9	725.7	726.2	725.3	100	95	83	SE 0	E 0	SE 0	10*	10	0	.	✳ n–l
19	−0.1	2.0	−2.6	−0.2	−0.8	725.8	728.2	728.5	84	65	91	SE 0	E 0	E 0	10	9	0	.	
20	−1.8	0.0	−2.6	−1.5	−2.1	729.2	730.9	731.7	94	80	95	SE 0	NW 0	E 0	9	2	0	.	
21	−1.1	0.5	−1.3	−0.6	−1.1	734.0	734.8	**735.0**	94	95	95	SE 0	SE 0	E 0–1	10≡	10≡	10≡	.	≡² I, ≡
22	−2.2	−0.6	−2.4	−1.7	−2.1	733.5	732.4	729.2	100	65	100	SE 0	E 0	E 0	10≡	10	10≡	.	≡ I, ≡² III–n
23	−2.8	−0.4	**−5.5**	−2.9	−3.3	724.0	722.9	718.9	100	90	100	E 0–1	E 0	E 0	10≡	10≡	0	.	≡² I, $7^1/_2{}^p$, ≡
24	−4.5	−0.2	2.6	−0.7	−1.0	717.4	716.4	715.6	100	90	50	SE 0	E 0	E 0	10≡	1	10	1.9	≡² I, n ✳
25	1.6	2.0	−1.8	0.6	0.3	723.5	726.3	730.6	58	50	70	E 1–2	NE 1	NE 0–1	10*	8	0	0.9	a ✳°
26	−1.2	2.6	−4.2	−0.9	−1.1	733.1	732.7	731.1	69	49	79	E 0–1	E 0	E 0	3	7	0	.	
27	−2.1	5.0	3.0	2.0	1.8	726.0	722.2	720.3	77	50	60	E 0	E 1	NW 0	0	8	10	.	
28	8.6	9.8	2.6	7.0	6.8	711.0	**705.0**	709.2	32	34	93	SE 2–3	SE 3	NW 0	8	9	10●	2.4	↙ $6^1/_4{}^a$–$6^1/_4{}^p$, ●–n
29	1.5	0.0	−0.8	0.2	0.1	707.4	707.0	706.8	62	90	69	N 0–1	E 0	NE 0–1	10	10*	10*	8.1	✳ 10^a–n
30	−2.2	−1.0	−3.2	−2.1	−2.2	709.3	712.5	715.3	80	50	88	NE 1–2	N 0	NE 0	10*	10	8	2.2	a ✳
31	−2.9	−1.0	−3.4	−2.4	−2.5	719.8	723.6	726.0	68	59	75	NE 0	E 0	NE 0	10	10	0	.	
																		Summe	
Mittel	0.8	3.7	0.7	1.7	—	724.5	724.6	724.5	83	70	86				7.9	7.3	6.8	115.3	

Dezember 1913.
Observatorium.

Genf.

$\lambda = 6° 9'$, $\beta = 46° 12'$,
$Hb = 405.0^m$, $G = 0.02^{m}/_{m}$.

1	2.3	2.8	1.2	2.0	−0.2	735.4	734.0	733.6	98	91	100	SE 0	SSW 1	SSW 0	10≡	10	10≡	.	a ⌊, ≡
2	−1.0	1.5	2.4	0.8	−1.3	733.6	733.3	733.5	100	98	100	SE 0	SSW 1	SSE 0	10≡	10≡	10≡	0.5	a ⌊, ≡
3	0.2	1.7	−2.0	0.7	−1.3	732.3	730.6	728.1	100	100	94	SSE 1	SE 1	SE 0	10≡	10≡	1	0.3	a ⌊, ≡ n–$8^1/_2{}^p$
4	7.0	10.0	6.3	7.3	5.4	725.1	723.9	728.3	61	68	80	NNW 1	SSW 1	SW 1	4	10	10●	10.3	● $11^1/_2{}^a$, $2^1/_4$–$4^1/_2$, $9^1/_2{}^p$–n
5	2.6	4.6	2.6	3.3	1.5	730.3	730.5	728.0	74	64	83	SSW 1	S 1	SSW 2	7	5	10●	6.2	△ 10^a/4^a, ● $7^1/_2{}^p$–n, ↙ III–n
6	4.7	6.8	5.0	5.0	3.4	723.9	721.3	719.2	85	76	97	SSW 2	NW 2	WNW 1	10●	10●	10●	**46.3**	↙ n–II, ●², n ●²
7	5.9	7.4	5.4	6.1	4.6	720.4	723.5	727.8	95	94	82	SE 1	NNW 0	NNE 2	10●	9	10	0.3	●° I, Ψ 9^p, ↙ III–n
8	1.2	3.8	1.5	2.5	1.1	733.2	733.7	736.0	62	56	53	NNW 2	NNE 1	NNE 1	1	0	0	.	↙ I, ⌊ III–n
9	−2.6	4.1	−0.1	0.2	−1.1	736.2	735.3	734.5	93	60	97	SW 1	NNE 1	SSW 0	0	0	0	.	⌊ a, III
10	2.4	8.3	6.6	4.8	3.6	732.3	731.3	732.4	83	74	76	SSW 1	SE 1	NNW 0	8	9	10	.	a ⌊°
11	4.5	8.3	7.0	6.4	5.3	731.2	731.3	731.9	87	68	76	SSW 1	NNE 1	NNE 1	8	7	10	.	a △
12	5.2	7.0	5.4	5.9	4.9	732.1	731.6	733.0	78	70	76	SE 0	SE 0	SSE 0	9	9	10	.	a △
13	2.6	8.0	5.5	5.4	4.5	732.4	731.6	732.9	80	68	82	SE 1	WSW 0	NNE 1	3	3	9	.	
14	0.0	6.9	0.4	2.4	1.6	735.7	735.4	736.1	96	64	85	SSW 1	WSW 0	W 1	0	2	0	.	⌊ a, III
15	−2.5	4.6	0.0	0.3	−0.5	736.3	735.2	734.7	90	69	86	SSE 1	N 0	SSE 0	2	3	0	.	⌊ a, III
16	−2.4	4.9	−0.4	0.6	−0.1	734.0	733.0	731.9	93	69	92	SE 1	N 0	SW 0	0	0	0	.	a ⋁, ⌊ III
17	−0.1	3.8	1.7	1.5	0.9	733.1	731.9	731.3	87	81	88	S 1	S 0	ENE 0	8	9	10	0.3	a ⋁, ●° $10^1/_4$–$10^1/_2{}^p$
18	0.6	4.5	3.1	2.1	1.6	729.7	728.5	728.5	89	73	77	S 1	NNE 2	NNE 3	10	7	5	.	↙ $1^1/_2{}^p$–n
19	1.3	1.2	0.0	1.0	0.6	729.1	731.1	733.3	75	76	88	NNE 3	N 2	NE 1	10	9	10	.	↙ n–$7^1/_2{}^p$
20	−0.8	−0.1	−0.7	−0.5	−0.9	733.8	734.7	736.8	96	97	92	NNW 1	NE 1	ENE 1	10	10	10	.	
21	−2.0	−0.4	−1.0	−1.2	−1.5	739.3	740.1	**740.2**	92	90	93	SSE 1	SSW 1	SE 1	10	10	10	.	
22	−2.4	−0.9	−2.8	−1.9	−2.1	738.9	736.4	733.7	96	96	96	SE 0	WNW 0	ESE 1	10	10≡	10≡	.	≡ $1^1/_2{}^p$–n
23	**−5.0**	−3.4	−4.4	−4.1	−4.3	729.3	727.3	724.9	96	97	100	SE 1	SSW 0	SSW 0	10≡	10≡	10≡	.	≡ ⋁
24	−2.1	2.8	5.4	0.1	0.0	722.0	720.7	721.8	98	77	69	N 1	S 0	S 1	10≡	5	10●	1.0	a ≡ ⋁², ● 9–$10^1/_2{}^p$
25	0.8	3.0	−1.5	1.3	1.2	729.2	731.7	736.1	82	58	90	SW 0	NE 1	SSW 0	8	2	0	.	
26	−4.2	1.8	−2.0	−1.9	−1.9	739.2	738.4	737.2	91	67	84	SSW 0	ESE 0	NNE 0	8	1	0	.	
27	0.0	**10.6**	7.9	4.2	4.2	733.4	730.2	728.3	80	**43**	51	SE 0	W 1	SSW 2	1	9	10	.	↙ $7^1/_2{}^p$–n [3^a/4^p, n ✳
28	5.6	5.6	2.4	5.1	5.2	717.1	712.8	715.2	52	80	74	SSW 2	SSW 2	WSW 1	10	2	2	3.6	↙ n–II, ● $0^1/_4$–$1^1/_2{}^p$, ⌇ $3^1/_2$-
29	−0.2	4.6	−2.0	0.1	0.2	**712.6**	712.7	712.9	97	59	86	S 1	WSW 1	SSW 0	10*	7	2	.	✳° n–$9^1/_2{}^a$
30	−1.6	−1.7	−1.4	−1.3	−1.2	715.5	716.7	719.9	87	88	80	NW 1	SE 1	NNE 2	9	9	10	2.0	✳ $11^1/_2{}^a$–$1^1/_2$, $2^1/_2$–$4^1/_2{}^p$,
31	−1.9	−1.7	−1.9	−1.8	−1.6	724.4	726.4	729.8	94	93	97	NNE 4	NNE 3	NNE 4	9	5	10	.	↙ [↙ $7^1/_2{}^p$–n
																		Summe	
Mittel	0.6	3.9	1.6	1.8	—	730.0	729.5	730.1	87	76	85				7.3	6.5	6.7	70.8	

Die Temperatur-Tagesmittel von Genf resultieren aus 8 Beobacht. in dreistünd. Zeitintervallen. — Die Beobachtungstermine sind 7^{35a}, 1^{35} u. 9^{35p}.

$\lambda = 8^\circ\ 33'$, $\beta = 47^\circ\ 23'$,
$Hb = 493.2^m$, $G = 0.08\ ^m/_m$.

Zürich.

Dezember 1913.
Meteorol. Centralanstalt

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	1.2	8.3	2.8	4.1	2.9	726.6	725.0	724.4	100	71	95	NE 0	NW 1	NE 0	10≡	1	1	0.1	a ≡²
2	2.2	8.1	4.0	4.8	3.7	725.0	724.8	724.7	99	74	92	N 0	NW 0	N 0	9≡	8	2	0.1	≡ I, a ≡°
3	0.2	7.6	0.0	2.6	1.6	723.3	721.8	718.9	100	76	100	NE 0	E 0	SE 0	10≡	2	1	0.2	≡² n–11ª, $5^{1}/_{2}$p–n
4	0.7	**10.2**	4.4	5.1	4.3	716.2	715.4	718.3	98	49	73	SE 1	W 2	SW 2	3	9	8	2.3	⌴ I, ⌿ $9^{1}/_{2}$ª–n, ● 2–$6^{1}/_{2}$p
5	2.2	3.3	2.6	2.7	2.0	720.6	720.1	716.1	69	73	75	W 1	W 2	SW 3	3	10	10	14.7	✳° $9^{1}/_{2}$–$11^{3}/_{4}$ª, p n ⌿, *)
6	1.0	4.0	3.2	2.7	2.1	714.0	711.6	711.2	98	84	99	NW 1	W 2	SW 1	10●	10●	10●	**24.1**	✳ 2–$5^{1}/_{2}$ª, ●²–n, ⌿ ⊠
7	3.6	2.4	−0.6	1.8	1.3	712.9	716.5	721.4	99	84	84	N 1	SE 1	NE 1	10●	10	9	0.7	● n–I, a ●° [$9^{3}/_{4}$ª–p
8	−4.2	2.4	−1.8	−1.2	−1.5	726.2	727.0	728.9	97	62	78	NE 0	E 1	NE 0	0	1	1	.	a ⌴²
9	−1.4	5.0	1.6	1.7	1.5	727.8	726.7	724.9	92	51	84	E 1	SW 1	N 1	9	1	2	0.7	⌴ I
10	4.6	5.9	4.0	4.8	4.7	722.3	722.4	722.9	94	85	85	NW 1	W 1	SW 1	10●	10	10●	4.3	●° n–$11^{1}/_{2}$ª, ● ⌿ 9p–n
11	4.6	5.7	4.8	5.0	5.0	722.9	723.5	723.9	85	82	83	W 2	SW 1	W 1	10	10	10	0.1	⌿ I
12	4.6	6.6	5.2	5.5	5.6	723.8	723.3	724.3	77	66	69	SW 1	SW 1	SW 1	10	9	10	.	●° 11ª
13	4.4	5.0	4.5	4.6	4.8	723.7	722.9	725.1	73	78	89	SW 1	SW 1	W 1	10	10	10	0.7	●° o–$o^{1}/_{4}$, $3^{1}/_{4}$–$5^{1}/_{4}$p
14	1.6	4.5	3.2	3.1	3.4	727.1	726.7	726.5	83	58	58	W 0	W 1	W 2	5	9	10	0.2	⌿ III
15	2.2	4.1	3.1	3.1	3.5	727.8	727.1	726.5	81	73	95	W 1	SW 1	SW 1	10	10	10	1.3	●° n–I, ● 2–$5^{1}/_{4}$p
16	1.0	6.8	2.2	3.3	3.8	725.2	724.1	723.7	100	60	92	S 0	NW 1	W 1	6	1	10	.	⌴° ≡° I, ≡ 10–$10^{1}/_{4}$ª
17	2.9	2.6	0.8	2.1	2.7	723.7	723.1	722.9	69	85	100	SW 2	SW 1	SW 1	8	10	10●	6.3	⌿, ✳° $9^{1}/_{2}$ª–$o^{1}/_{4}$p, ●° *) ⊠
18	0.8	2.2	0.8	1.3	2.0	723.2	722.9	723.0	98	90	86	E 1	NE 1	NE 1	10	10	10	0.1	●° 4–5^{1}p
19	−2.4	−1.8	−3.6	−2.6	−1.9	724.0	724.8	726.3	74	74	82	NE 1	NE 1	NE 1	10	8	2	.	
20	−3.8	−1.8	−5.2	−3.6	−2.8	726.6	727.3	729.3	85	73	90	NE 1	NW 1	NE 0	10	5	0	.	⌴ I
21	−4.6	−2.6	−3.4	−3.5	−2.6	731.3	**732.2**	**732.2**	96	90	100	W 1	S 1	NE 1	10	10	10	.	≡° III, n ≡
22	−4.3	−2.4	−3.7	−3.5	−2.6	730.9	728.4	725.7	100	94	100	E 1	W 0	S 0	10	10	10	.	≡° a, III–n, V°
23	−4.0	−0.2	−2.2	−2.1	−1.1	720.9	719.2	715.9	100	75	100	SE 0	NW 0	SW 0	10	2	10≡	.	a ≡° V°, ≡ 8p–n
24	−4.6	5.5	1.4	0.8	1.8	714.1	712.4	713.5	91	57	94	SW 0	SW 1	NW 1	1	1	10●	2.7	a V°, p ⌿, ● 6p–n, n ✳
25	−0.8	1.2	−2.0	−0.5	0.6	720.6	723.5	727.8	85	76	77	W 1	W 1	SW 1	10	10	0	.	a ✳° ⊠
26	−0.6	2.6	0.6	0.9	2.0	729.5	729.3	727.7	71	49	78	SW 1	SW 1	SW 1	9	7	0	.	⊠
27	6.2	9.1	7.8	7.7	8.9	722.1	718.8	717.3	39	**31**	43	SW 3	SW 3	SW 2	7	6	10	.	⌿ 5^{a}–n
28	7.3	6.8	2.5	5.5	6.7	708.8	**702.0**	706.8	51	45	60	SW 2	W 0	SW 2	9	10	10	0.1	⌿, ⌿ $4^{1}/_{2}$–6p, ●° 5–$6^{1}/_{2}$p
29	−1.4	0.7	−1.6	−0.8	0.4	705.0	704.1	705.0	90	73	88	SW 0	NW 1	N 1	4	6	10	0.2	⌇ n–I, ✳° 7–8p
30	−3.7	−2.6	−3.4	−3.2	−1.9	707.5	709.0	713.0	99	84	96	W 1	W 1	N 1	10*	9*	10	2.4	✳ $6^{1}/_{2}$ª–n ⊠
31	**−5.6**	−3.4	−5.2	−4.7	−3.4	718.0	720.2	724.0	87	75	85	N 1	E 1	E 1	10*	8	8*	0.4	✳° n–$o^{1}/_{2}$, 6p–n ⊠
																		Summe	
Mittel	0.3	3.4	0.9	1.5	—	721.7	721.2	721.7	86	71	85				8.2	7.2	7.2	61.7	

*) **5.** ● ✳ 10p–2^{a}
[*) **17.** $3^{1}/_{4}$p–p, ● ✳ $7^{1}/_{4}$p–n

$\lambda = 8^\circ\ 30'$, $\beta = 47^\circ\ 3'$,
$Hb = 1787.3^m$, $G = -0.11\ ^m/_m$.

Rigi-Kulm.

Dezember 1913.
Beobachter: *Hospenthal.*

1	2.2	2.8	1.0	2.0	4.6	620.7	619.6	618.7	47	60	87	W 2	W 2	W 3–4	0	0	1	.	⌿ III–n ⊠
2	−0.6	1.2	1.0	0.5	3.2	618.6	618.5	617.6	83	59	70	W 2–3	NW 1	W 1	10	7	0	.	⌿ I ⊠
3	2.1	**7.2**	**7.2**	5.5	8.3	617.4	617.2	615.4	52	16	**13**	W 2	W 2–3	S 2–3	1	0	3	.	p ⌿ ⊠
4	1.2	2.0	−5.6	−0.8	2.1	611.7	611.0	611.5	33	42	100	S 0–1	SW 0	W 4	3	9	10*≡	5.2	✳ ≡ ⌿ III–n ⊠
5	−8.6	−7.8	−6.0	−7.5	−4.5	612.6	611.7	609.1	100	100	100	W 3	W 3	W 4	10	7	10*≡	3.1	⌿, p ≡°, ≡ ✳ ⌿ III–n ⊠
6	−3.8	−2.4	−1.4	−2.5	0.6	607.1	605.2	605.3	100	100	100	W 4	W 4	W 4	10≡	10≡	10*≡	28.1	≡ ⌿ ✳² ⊠
7	−2.8	−3.2	−7.2	−4.4	−1.3	607.1	609.3	612.4	100	100	100	N 4	N 3	N 0–1	10*≡	10≡	10≡	2.1	✳ ⌿ n–I, a ⌿, ≡ ⊠
8	−11.0	−9.8	−9.4	−10.1	−6.9	616.3	617.1	619.3	100	100	100	N 1	N 0	N 0	0	0	1	.	⊠
9	−4.0	−0.2	−0.6	−1.6	1.7	619.7	619.5	618.8	100	100	100	NW 2	W 3	W 2–3	10	1	3	.	p n ⌿ ⊠
10	−0.8	−2.0	−5.0	−2.6	0.8	616.0	615.2	615.3	90	93	90	NW 4	W 1	W 4	10≡	10≡	10*≡	**37.8**	⌿ I, ≡, ✳² ⌿ III–n ⊠
11	−3.6	−2.6	−3.6	−3.3	0.2	615.4	616.4	616.9	93	91	92	W 4	W 0	W 0	10≡	10≡	10≡	.	⌿ I, ≡ ⊠
12	−4.8	−3.2	−3.6	−3.9	−0.4	616.4	615.9	616.6	90	92	92	W 0	W 0	W 1–2	10≡	1	1	.	≡ I ⊠
13	−1.2	−2.4	−4.6	−2.7	0.9	616.6	615.5	617.4	90	90	92	W 2	W 2	W 0–1	10≡	10≡*	10≡*	11.5	≡, p n ✳ ⊠
14	−7.4	−6.0	−7.6	−7.0	−3.3	618.1	618.2	617.9	90	92	90	W 2–3	W 1	W 2	10≡	10≡	10≡	0.4	⌿ I, ≡ ✳° ⊠
15	−5.6	−4.8	−2.4	−4.3	−0.6	618.8	618.7	619.0	91	91	90	W 3	W 1–2	W 1	10≡	10≡	8	1.0	⌿ I, ≡ n–p, ✳ 3–4^{p} ⊠
16	−1.5	−0.8	−2.2	−1.5	2.3	618.6	617.9	616.8	90	90	90	W 2	S 2	SW 2–3	3	1	5	1.1	⌿ III–n, n ✳ ⊠
17	−5.8	−5.8	−5.6	−5.7	−1.8	615.7	614.8	615.0	90	92	90	W 3	NW 4	W 1	10≡	10*≡	10*≡	15.5	a ⌿, ≡, ⌿ II, p ✳ ⊠
18	−6.0	−6.4	−7.0	−6.5	−2.6	614.7	613.9	614.0	92	90	90	W 1–2	W 0	NE 1	10≡	10≡	10≡	0.4	a ✳°, ≡ ⊠
19	−8.6	−7.0	−7.8	−7.8	−3.8	613.3	614.3	615.5	90	91	90	SW 2	SE 3	E 4	7≡	0	1	.	≡° I, p ⌿, ⌿ III–n ⊠
20	−4.4	−2.2	−2.4	−3.0	1.0	617.1	618.0	620.1	90	90	90	SE 4	SE 4	SE 3	0	0	0	.	⌿, ⌿ III ⊠
21	−3.4	−1.8	−2.4	−2.5	1.6	622.1	622.9	**623.1**	90	90	90	S 0	W 0	SW 0	0	0	1	.	⊠
22	−0.6	1.4	−0.4	0.1	4.2	621.7	620.5	618.2	88	40	35	E 2	E 1	E 0	0	1	1	.	⊠
23	−0.4	0.8	−1.0	−0.2	4.0	614.1	612.5	611.0	30	28	31	W 0	W 1–2	W 0	0	1	1	.	⊠
24	−5.2	−3.8	−6.5	−5.2	−1.0	607.7	606.7	607.4	44	94	100	NW 0	NW 4	W 2	0	1	10*≡	15.5	⌿ II, ✳ ≡ III–n ⊠
25	−9.4	−9.6	−10.6	−9.9	−5.7	612.0	614.1	617.0	100	100	100	E 2	W 0	W 0	10*≡	7	10≡	0.8	✳° I, ≡, ≡° II ⊠
26	−7.2	−4.0	−3.0	−4.7	−0.4	619.7	620.0	619.7	38	53	45	W 3	NW 3	W 2	10	3	0	.	⌿ n–p ⊠
27	1.8	2.2	−4.4	−0.1	4.2	615.4	613.6	611.7	19	25	55	W 4	W 4	W 4	3	7	5	.	⌿ ⊠
28	−2.2	−1.2	−7.2	−3.5	0.8	604.5	598.1	600.3	53	55	100	S 3	S 2	W 4	7	10	10	1.1	⌿ I, ✳ 5–$6^{1}/_{2}$p, ⌿ III ⊠
29	−10.2	−11.0	−11.0	−10.7	−6.3	598.3	**596.8**	596.9	95	95	95	NW 1	SW 2	W 0	8	10≡	10≡	8.5	✳ 9^{a}–o^{p}, p n ≡ ⊠
30	−13.6	−12.2	−12.6	−12.8	−8.4	598.6	600.1	602.9	92	94	92	W 2	N 0	E 1	10≡	10*≡	10*≡	6.5	≡, p ✳ ⊠
31	−14.2	−13.8	**−15.0**	−14.3	−9.9	608.0	609.1	612.0	93	93	92	SE 0	NE 1	NE 1	10≡	10≡	10≡	0.3	≡, n ✳° ⊠
																		Summe	
Mittel	−4.5	−3.4	−4.7	−4.2	—	614.0	613.6	614.0	79	79	84				6.5	5.7	6.2	138.9	

Dezember 1913.
Beobachter: *J. Camenisch.*

Bevers.

$\lambda = 9° 53'$, $\beta = 46° 33'$,
$Hb = 1712.6^m$, $G = -0.12\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−7.8	0.8	−5.8	−4.3	1.9	626.6	624.7	624.0	90	68	79	S 0	SW 0	N 1	0	0	0	.	
2	−7.0	3.0	−6.2	−3.4	3.0	623.8	623.6	624.8	89	57	80	SW 0	W 0	N 1	10	7	0	.	
3	−9.8	−0.6	−6.8	−5.7	0.9	624.4	623.9	623.2	90	72	77	SW 1	SW 1	NE 1	2	3	0	.	
4	−7.2	1.4	−0.4	−2.1	4.6	620.6	617.6	615.7	84	75	95	S 1	S 1	S 1	7	7	10*	3.4	✳ $4^s/_4{}^p$–n
5	−5.6	−4.4	−9.8	−6.8	0.1	617.0	617.0	616.3	65	52	69	N 3	N 3	N 1	9*	7	10	8.1	🌧 n–II, ✳ I, n
6	−5.0	−0.2	−4.0	−3.1	4.0	612.7	611.1	610.7	95	84	95	W 1	W 1	W 1	10*	10*	7	3.4	✳
7	−2.2	2.0	−2.6	−0.9	6.4	611.1	612.8	616.2	100	58	49	N 1	W 1	W 1	10	10	5	.	n ($^7/_8$) 🌧
8	−8.4	−6.0	−15.8	−9.7	−2.2	620.3	621.7	624.7	50	44	62	N 2	NE 2	NE 1	1	0	0	.	
9	−10.0	**3.1**	−7.6	−4.8	2.8	624.8	624.3	624.3	69	59	84	E 1	W 3	N 0	8	2	8	.	🌧 II
10	−4.2	0.9	−2.2	−1.8	6.0	620.7	618.8	619.1	86	74	86	N 1	E 2	W 1	6	10*	10*	5.5	🌧 II, p ✳, 🌧 10–12p
11	−2.6	1.6	0.6	−0.1	7.9	619.4	619.2	621.2	91	64	65	N 1	N 3	N 2	10	9	9	.	🌧 II
12	−8.6	−2.3	−8.2	−6.4	1.7	621.6	621.1	621.2	88	74	86	NE 1	N 1	NE 1	2	0	4	.	
13	−11.7	−6.3	−2.4	−6.8	1.5	621.6	620.8	621.5	87	70	91	W 1	W 0	W 1	4	6	10*	.	✳° III
14	−8.0	−2.8	−2.1	−4.3	4.2	622.3	623.1	621.5	76	51	**38**	NW 1	W 4	NE 2	5	6	9	.	🌧 II
15	−2.5	−1.8	−2.6	−2.3	6.3	622.1	622.9	623.6	55	63	75	NW 4	E 1	N 1	9	10*	10*	0.9	🌧 n–l, ⫩ ✳° 11^a–n
16	−1.8	3.0	−9.2	−2.7	6.1	623.1	622.6	622.3	90	59	70	E 1	N 0	— 0	10	2	0	.	
17	−14.2	−3.8	−10.4	−9.5	−0.6	620.6	619.7	620.1	77	58	76	E 1	SW 1	E 1	0	5	3	.	
18	−14.6	−7.4	−8.7	−10.2	−1.2	620.0	620.0	619.7	86	72	86	SE 1	S 1	N 1	8	10	7	0.9	n ($^{18}/_{19}$) ✳°
19	−12.4	−9.6	−14.8	−12.3	−3.1	621.2	622.2	624.9	88	74	81	SW 1	NE 0	NE 1	10	3	0	.	
20	−17.6	−7.6	−12.8	−12.7	−3.4	625.7	626.3	628.2	85	69	80	S 1	— 0	NE 1	0	0	0	.	
21	−16.0	−7.7	−13.9	−12.5	−3.1	629.1	628.7	**629.3**	85	66	72	SW 0	SW 0	N 1	0	0	0	.	
22	−16.1	−5.8	−11.0	−11.0	−1.5	627.9	626.5	624.8	75	65	65	W 0	S 1	N 1	0	2	0	.	
23	−13.7	−5.0	−12.4	−10.4	−0.8	620.9	618.6	617.2	74	56	64	W 1	SW 1	N 1	0	2	0	.	
24	−14.0	−5.7	−10.6	−10.1	−0.4	614.4	612.8	612.9	70	57	71	SW 0	SW 1	NE 1	2	1	0	.	
25	−8.4	−6.6	−10.4	−8.5	1.2	615.9	618.5	622.4	61	56	62	W 1	NE 3	N 1	9	10	2	.	✳° 5^a, 🌧 II
26	−11.6	−5.8	−11.0	−9.5	0.3	624.8	625.3	626.3	66	64	71	S 0	E 0	NE 1	7	1	0	.	
27	−11.4	0.2	−6.8	−6.0	3.9	623.1	620.2	618.7	73	46	70	N 1	SW 2	NE 2	4	4	0	.	
28	−2.0	0.1	−3.2	−1.7	8.2	612.8	608.1	604.9	70	58	99	W 4	NW 3	N 1	7	10	10*	5.0	🌧 n–l, 🌧–II, p ✳
29	−6.9	−7.0	−9.6	−7.8	2.2	603.2	**601.7**	602.0	79	54	60	N 1	N 1	N 2	10	10*	10	.	✳° II
30	−10.8	−9.4	−12.2	−10.8	−0.8	602.9	604.2	607.9	63	54	59	NW 1	N 1	SW 2	10	10	10	.	
31	**−21.2**	−14.0	−19.4	−18.2	−8.1	612.1	614.0	617.4	70	65	69	E 1	NE 1	NE 1	3	2	0	.	
																		Summe	
Mittel	−9.5	−3.3	−8.1	−7.0	—	619.6	619.1	619.6	78	63	74				5.6	5.1	4.3	27.2	

Dezember 1913.
Beobachter: *Couvent des Capucins.*

Sitten.

$\lambda = 7° 21'$, $\beta = 46° 14'$,
$Hb = 540^m$, $G = 0.00\,{}^m/_m$.

1	0.9	7.0	2.4	3.4	1.9	722.8	720.6	720.7	86	61	82	E 0	E 0–1	E 0	0	0	0	.	⊔ I
2	−1.2	5.3	1.9	2.0	0.7	721.3	719.9	721.1	99	66	90	SE 0	SE 0–1	E 0	0	0	0	.	⋁ I
3	0.2	7.0	2.6	3.3	2.1	720.4	718.3	716.5	94	54	73	E 0–1	E 0	E 0	0	0	0	.	⋁ I
4	1.9	5.7	4.1	3.9	2.8	713.8	711.9	714.8	64	56	64	E 0	E 1	SE 0–1	0	10	10	1.7	⊔ I, ● 🌧 3^p
5	2.0	5.0	0.4	2.5	1.6	718.0	715.7	715.4	59	49	100	W 1	W 0–1	S 0	10	9	10*	11.6	✳ 8^p–n
6	1.8	3.2	1.9	2.3	1.5	711.4	708.6	707.1	100	99	100	E 0	S 0	SE 0	10●	10●	10●	17.3	●
7	3.0	6.6	5.2	4.9	4.2	707.5	710.2	712.8	100	91	85	SW 0	SW 0	NE 0	10●	9●	5	*1.0	● n–II
8	2.0	3.8	0.2	2.0	1.5	718.6	719.5	723.6	79	60	73	SW 1	SE 0	E 0	1	4	0	.	
9	−2.6	1.4	0.0	−0.4	−0.8	724.0	722.6	724.2	85	61	76	E 0–1	SE 0	W 0	0	0	0	.	
10	0.1	5.8	5.5	3.8	3.5	719.5	717.5	718.2	84	64	78	E 0	S 0	W 2–3	6	10	10●	2.3	🌧 $4^1/_2{}^p$, III, ● $6^1/_4{}^p$–III
11	4.9	**7.6**	4.7	5.7	5.5	717.7	716.8	719.2	85	65	82	S 0	SW 3–4	S 0	9	4	10	.	🌧 II
12	4.1	6.9	3.4	4.8	4.7	720.0	719.1	721.3	88	60	75	SE 0	E 0	E 0	10	9	10	.	
13	1.0	4.0	3.8	2.9	2.9	721.1	719.4	720.6	85	60	73	E 0	SE 0	E 0	10	9	10	.	
14	1.0	6.0	1.4	2.8	2.9	722.8	722.8	722.0	92	55	88	S 0	S 1	NE 0	4	2	5	.	
15	0.3	7.0	1.4	2.9	3.1	722.8	722.8	723.2	80	62	80	S 0	SW 1	NE 0	5	8	3	.	
16	−0.3	3.2	0.0	1.0	1.3	723.5	722.6	721.1	94	68	89	E 0	SE 0	NE 0	1	3	0	.	
17	−1.3	2.3	0.2	0.4	0.8	721.8	720.6	719.5	95	70	100	E 0	SE 0	E 0	6	8	8	*0.3	n ($^{17}/_{18}$) ✳°
18	1.0	3.6	0.1	1.6	2.1	719.0	716.4	717.6	100	59	85	SE 0–1	SE 1	SE 0	10	1	0	.	
19	−2.5	3.0	−0.3	0.1	0.6	716.6	718.1	721.1	65	**40**	47	E 0	S 0	SE 0	0	2	0	.	
20	−0.4	4.9	−2.2	0.8	1.4	720.8	720.5	724.4	54	50	100	E 0	S 0	SE 0	0	0	0	.	
21	−4.0	0.0	−2.0	−2.0	−1.3	**728.0**	727.6	727.7	100	90	95	E 0	S 1	SE 0	0	2	0	.	
22	−4.0	1.4	−1.4	−1.3	−0.6	726.8	723.7	721.6	79	49	65	SE 0	E 0	SE 0	0	0	0	.	
23	−3.0	2.9	−1.1	−0.4	0.4	717.9	714.5	714.2	70	50	60	E 0	S 0	SE 0	0	0	0	.	
24	−4.0	0.3	−0.3	−1.3	−0.4	709.7	709.7	709.2	65	52	59	NE 0	NE 0	W 0	0	0	5	.	
25	0.0	3.2	−1.9	0.4	1.3	716.5	718.2	722.5	65	50	69	SW 1	SW 1–2	S 1	8	2	5	.	
26	−5.2	0.0	−2.9	−2.7	−1.7	726.8	726.1	725.7	80	49	63	SW 0	E 0	E 0	10	3	0	.	≡° II
27	−3.3	2.1	1.0	−0.1	0.9	721.8	718.7	715.9	74	56	50	SE 0	S 0	SE 2–3	2	4	0	.	🌧 III
28	2.0	7.3	2.1	3.8	4.8	707.0	700.7	702.8	50	**40**	82	NE 1	NW 0–1	W 1	8	0	5	*3.5	n ($^{28}/_{29}$) ✳
29	−0.1	2.2	−1.3	0.3	1.4	700.9	700.6	**699.4**	86	69	74	W 0–1	SW 1–2	W 1–2	10	5	0	.	S I
30	−2.2	−0.3	−4.0	−2.2	−1.1	701.5	702.5	706.8	65	51	71	NW 2	W 2	W 0	9	8	0	.	
31	−5.4	−3.2	**−6.0**	−4.9	−3.8	711.3	713.0	717.7	62	52	62	E 0	S 0–1	SW 0	10	2	2	.	
																		Summe	
Mittel	−0.4	3.7	0.6	1.3	—	717.8	716.8	717.7	80	60	77				4.8	4.0	3.5	37.7	

$\lambda = 8° 57'$, $\beta = 46° 0'$,
$H_b = 276.2^m$, $G = 0.03\,{}^{m}/_{m}$.

Lugano.

Dezember 1913.
Beobachter: *G. Malatesta.*

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	2.2	9.8	4.4	5.5	1.4	743.8	741.9	741.1	87	84	85	N 0	S 0	N 0	0	0	0	.	⊏ I
2	1.8	9.2	4.8	5.3	1.3	740.5	741.2	743.0	90	77	94	N 0	S 0	N 0	0	0	10≡	.	⊏ I, ≡ III
3	1.4	9.2	3.0	4.5	0.7	743.7	743.5	743.2	97	82	88	N 0	S 0	N 0	0	0	0	.	⊏ I
4	3.8	5.4	4.8	4.7	1.0	741.3	739.4	736.7	95	97	99	N 0	S 0	N 0	10●≡	10●≡	10●≡	8.9	●° n–I, ≡, ● $10^1/_4{}^a$–$5^1/_2$, [$8^1/_2{}^p$–n
5	7.0	9.4	2.6	6.3	2.7	734.8	735.6	736.8	39	24	55	NE 1	NNE 1	N 0	0	0	8	.	
6	3.0	7.8	2.2	4.3	0.8	732.7	729.8	728.8	80	65	91	NW 0	E 0	N 0	6	6	0	.	
7	1.0	6.4	1.4	2.9	−0.5	728.8	729.7	734.2	87	85	97	N 0	S 0	N 0	10	0	0	.	⊏ I
8	0.8	6.4	0.2	2.5	−0.7	740.7	743.1	745.7	86	60	76	N 0	S 0	N 0	0	0	0	.	⊏ I
9	−1.0	5.0	1.4	1.8	−1.3	747.3	745.8	745.5	77	72	91	N 0	SE 0	N 0	0	0	0	.	⊏ I
10	0.0	7.8	14.0	7.3	4.3	740.0	736.0	733.9	93	77	26	N 0	NNE 0	NNE 2	0	0	0	.	⊏ I, ⸝ 4^p–n
11	15.0	**18.2**	13.4	15.5	12.6	733.2	733.1	736.7	18	27	30	NNE 2	NNE 2	NE 0	0	0	0	.	⸝ n–II
12	1.4	8.4	2.8	4.2	1.4	740.4	740.0	740.9	86	71	87	N 0	SSE 0	N 0	0	0	0	.	
13	1.2	7.8	2.0	3.7	1.0	739.3	738.9	740.0	89	81	89	N 0	S 0	N 0	0	2	4	.	
14	9.0	13.0	4.2	8.7	6.1	741.0	740.8	739.7	21	**13**	46	NNE 1	NNE 2	N 0	0	0	0	.	⸝ $7^1/_2{}^a$–II
15	13.6	13.8	5.4	10.9	8.4	737.1	740.3	741.9	18	24	53	NNE 2	NNE 1	N 0	0	0	0	.	⸝ $3^1/_2{}^a$–II
16	2.6	8.8	2.6	4.7	2.3	740.4	739.5	739.9	75	85	78	NW 0	SW 0	N 0	0	0	9	.	
17	0.6	7.6	2.2	3.5	1.2	739.0	738.1	739.3	73	75	94	N 0	S 0	N 0	0	0	0	.	⊏ I
18	−0.8	5.2	4.6	3.0	0.8	740.0	739.5	740.9	95	92	84	N 0	S 0	SSE 0	0	0	10	.	⊏ I
19	2.6	3.8	0.6	2.3	0.2	743.4	745.1	747.2	93	84	92	W 0	W 0	N 0	10●	10	0	0.4	n a ●
20	−1.8	5.2	0.0	1.1	−0.9	748.4	748.5	750.3	85	69	83	N 0	SW 0	N 0	0	0	0	.	⊏ I
21	−1.8	5.2	0.2	1.2	−0.7	**750.4**	749.7	748.8	83	72	80	N 0	S 0	N 0	0	0	0	.	⊏ I
22	−1.4	5.4	−0.4	1.2	−0.6	747.3	746.1	745.5	94	70	78	N 0	S 0	N 0	0	0	0	.	⊏ I
23	−2.4	3.4	−1.6	−0.2	−1.9	742.2	739.5	737.4	89	66	95	N 0	SSE 0	N 0	0	0	0	.	⊏ I
24	**−2.6**	6.0	0.8	1.4	−0.3	734.7	732.4	732.3	85	53	86	N 0	SSW 0	N 0	0	0	0	.	
25	6.8	7.6	5.4	6.6	5.0	734.5	737.7	742.0	17	28	20	NNE 2	NNE 2	NNE 1	0	0	0	.	⸝ $4^1/_2{}^a$–$4^1/_2{}^p$
26	−1.0	5.8	−0.2	1.5	−0.1	745.6	746.2	747.5	56	53	85	N 0	S 0	N 0	0	0	0	.	
27	−1.0	3.8	3.8	2.2	0.7	745.8	743.6	740.8	89	50	71	N 0	N 0	N 0	1	0	10	.	
28	3.2	4.2	1.8	3.1	1.6	734.0	730.0	724.1	77	80	98	N 0	SE 0	SSE 0	10	10	10●	2.8	●° $9^1/_2{}^a$, ● $4^1/_2$–$9^1/_2{}^p$
29	0.0	2.0	5.0	2.3	0.9	718.2	**717.0**	718.4	96	77	18	SE 0	NNE 1	NNE 2	10	6	10	.	⸝ $1^1/_2{}^p$–n
30	3.8	4.8	3.4	4.0	2.6	720.5	721.9	726.3	41	32	29	NNE 2	NNE 2	NNE 1	6	6	6	.	⸝ n–II
31	1.4	4.2	−1.0	1.5	0.2	732.0	734.6	738.5	94	36	94	N 0	SE 0	N 0	1	0	0	.	
																		Summe	
Mittel	2.2	7.1	3.0	4.1	—	738.7	738.3	738.9	74	63	74				2.1	1.6	2.5	12.1	

$\lambda = 7° 35'$, $\beta = 47° 33'$,
$H_b = 277.2^m$, $G = 0.13\,{}^{m}/_{m}$.

Basel.

Dezember 1913.
Bernoullianum.

1	2.2	7.6	5.0	4.9	2.8	745.2	743.5	743.7	96	83	87	SE 0	SE 0	S 0	10≡	2	2	0.2	≡ n–11^a
2	4.8	8.4	5.4	6.2	4.2	744.2	743.7	743.8	93	83	97	SE 0	SE 0	E 0	10	10	10	.	≡ a, $10^1/_2{}^p$
3	1.6	5.2	2.6	3.1	1.2	741.8	739.9	736.8	96	91	93	S 0	SE 0	SE 1	10	2	0	.	≡ 8^a–0^p
4	1.6	7.4	6.4	5.1	3.3	734.2	734.0	737.4	96	86	65	S 0	W 3	W 1	5	10●	2	3.8	●° 0^p, ⸝ II, ● $1^1/_4$–$3^1/_2{}^p$
5	3.2	4.4	5.7	4.4	2.7	739.7	739.4	734.4	76	66	70	SW 1	W 1	W 1	10	8	10	9.4	● $7^3/_4$–$10^1/_4{}^a$, ✳° $8^1/_4$– *)
6	2.2	3.6	2.8	2.9	1.3	732.1	729.1	729.5	96	93	97	E 1	SE 1	NW 1	10●	10●	10●	**18.0**	● $1^1/_4{}^a$–n, ≡ 6–7^p
7	2.1	0.8	0.0	1.0	−0.5	732.3	736.5	741.2	96	96	97	NW 1	N 1	W 1	10●	10	10	0.2	● n–$5^1/_4{}^a$, ●° I, ≡ 9^a–1^p
8	−1.0	1.2	−0.6	−0.1	−1.5	746.0	746.6	748.2	96	78	89	N 0	SE 0	SE 1	10	2	2	.	⊏ I
9	−1.4	3.6	2.2	1.5	0.2	747.1	745.6	744.1	82	**57**	75	SE 1	SE 0	SE 1	8	4	7	0.1	⊏ I [$7^3/_4$–$11^3/_4{}^p$
10	3.2	7.4	5.4	5.3	4.1	741.2	742.0	742.2	93	70	85	SE 0	W 1	SW 1	10	10	10●	2.5	●° $7^1/_4{}^a$, 7^p, ≡ 8–9^a, ●
11	6.2	7.4	6.4	6.7	5.6	742.0	742.4	743.1	85	80	82	SW 1	W 1	SW 0	10	6	10	.	● $2^1/_4$–$6^1/_4{}^a$
12	5.4	7.4	6.2	6.3	5.3	743.0	742.6	743.6	88	72	74	SE 1	NW 1	SW 1	10	10	10	0.2	●° $9^1/_4{}^a$
13	5.4	6.4	4.6	5.5	4.6	742.4	742.1	744.5	81	88	90	SE 0	SE 0	SW 0	10	10	2	0.5	●° $8^1/_2$–$11^3/_4{}^a$
14	3.0	5.8	4.6	4.5	3.7	746.6	746.3	746.1	86	58	68	W 0	W 0	W 0	8	10	10	.	
15	4.6	5.4	4.0	4.7	4.0	747.1	746.1	745.8	77	85	90	W 0	W 1	SW 0	10	10●	8	0.2	●° 9^a–0, $1^1/_2$, $2^1/_2$–$3^1/_2{}^p$
16	3.4	4.0	3.2	3.5	2.9	744.5	743.7	743.9	87	87	83	S 0	S 0	W 0	10	10	10	.	[$2^1/_2$, $5^1/_2$–$9^3/_4$, $11^1/_4$–$11^3/_4{}^p$
17	4.2	3.6	2.4	3.4	2.9	742.9	742.2	742.0	68	93	96	W 1	SW 0	SE 0	10	10●	10●	9.0	●° $9^1/_2$, $11^1/_2{}^a$–$0^3/_4{}^p$, ● I–
18	2.8	3.8	3.4	3.3	2.9	742.5	742.2	742.8	97	93	67	E 0	NE 0	E 0	10≡	10	10	.	● $4^3/_4$–$5^1/_4{}^a$, ≡ n–11^a, ●° I
19	−0.4	0.0	−1.0	−0.5	−0.9	743.4	744.6	745.9	60	62	73	SE 1	E 1	S 1	10	8	10	.	
20	−2.6	−0.9	−2.4	−2.0	−2.3	746.4	746.7	748.6	76	66	77	E 1	E 1	E 1	5	2	0	.	⊏ I
21	−3.6	0.4	−2.4	−1.9	−2.1	750.3	751.2	**751.3**	84	72	84	SE 1	SE 1	SE 1	0	3	0	.	⊏ I
22	**−4.4**	0.4	−3.2	−2.4	−2.5	749.7	746.8	744.3	88	78	84	SE 1	SE 1	SE 1	0	4	0	.	⊏ I
23	−4.2	1.8	−0.6	−1.0	−1.0	739.0	737.1	733.9	86	68	85	SE 1	SE 1	SE 1	2	6	1	.	⊏ I [$8^1/_2{}^p$, ✳–$0^1/_2{}^a$
24	−3.4	4.0	0.6	0.4	0.4	732.1	729.7	734.0	84	68	96	SE 1	SE 1	W 1	2	7	10*	4.7	⊏ I, ●° ∽ 6^p, ● ✳ $6^1/_2$- ✳
25	0.4	1.6	−0.8	0.4	0.4	740.4	743.5	747.5	86	79	85	S 1	W 1	S 0	8	8	3	0.1	n $(^{25}/_{26})$ ✳° ✳
26	−1.1	2.3	−0.3	0.3	0.4	748.8	748.4	746.9	82	75	86	SE 0	SE 0	SE 0	10	10	1	.	≡° III ✳
27	−0.4	5.9	6.7	4.1	4.2	740.5	737.9	736.1	80	58	83	S 0	N 0	W 0	3	10	10●	4.0	●° 6^p, ● $6^3/_4{}^p$–$3^1/_4{}^a$
28	7.4	**8.6**	2.4	6.1	6.2	726.1	**718.9**	725.9	67	61	76	SW 0	W 4	SW 0	10	10	10	0.2	●° $0^1/_2{}^p$, ⸝ $1–7^p$ [$2^1/_2{}^p$, n
29	0.4	1.4	−1.0	0.3	0.5	723.4	723.1	724.7	86	79	92	S 1	N 0	W 1	5	5	8	0.2	✳° $11^1/_4$–$11^1/_2{}^a$, $1^3/_4$– ✳
30	−2.6	−1.6	−2.2	−2.1	−1.9	726.8	728.6	732.7	85	92	92	W 1	NW 0	NW 1	10	10*	9	0.7	✳° 9, $10^1/_2{}^a$–p ✳
31	−3.8	−2.6	−4.0	−3.5	−3.3	737.6	740.3	744.2	95	87	95	N 1	N 1	N 0	10	10	10	0.3	✳° $11^1/_2{}^a$, 4–5, 12p ✳
																		Summe	
Mittel	1.1	3.7	2.0	2.3	—	740.6	740.2	740.9	85	78	84				7.9	7.6	6.6	54.3	

*) **5.** $8^1/_2{}^a$, ●° 6, $7^3/_4{}^p$

Dezember 1913.
Observatorium.

Säntis.

$\lambda = 9° 20'$, $\beta = 47° 15'$,
$H\flat = 2500.1^m$, $G = -0.16\,{}^m/_m$.

Tag	Lufttemperatur					Luftdruck			Relative Feuchtigkeit			Windrichtung und Stärke			Bewölkung			Niederschlag	Witterung
	7^{30}	1^{30}	9^{30}	Mittel	Abweich. vom Normalst.	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}	7^{30}	1^{30}	9^{30}		
1	−3.4	−3.1	−4.3	−3.6	3.2	567.5	566.3	564.9	80	82	100	WSW 5	WSW 5	WSW 4	1	1	10≡	.	☄, ≡ 7ᵖ-n
2	−5.6	−3.9	−5.3	−4.9	2.0	565.0	565.3	565.4	100	98	95	WSW 2	WSW 1	WSW 3	10≡	10≡	1	.	≡ n−2¹/₂ᵖ
3	−2.7	−1.4	**−1.1**	−1.7	5.3	565.0	565.1	563.8	77	56	52	WSW 5	WSW 5	WSW 4	3	6	0	.	☄ n–ll, ☄-n
4	−3.2	−3.9	−9.7	−5.6	1.5	559.8	558.5	556.6	62	84	100	WSW 3	SW 3	WNW 4	6	6	10≡*	12.8	≡ ✳ ✢³ 4¹/₂ᵖ-n, ☄ III
5	−12.5	−12.5	−10.7	−11.9	−4.7	557.4	556.9	553.7	100	100	100	WSW 3	W 2	WSW 4	10=*	10=*	10=*	19.6	≡² ✳ ✢² V, ☄ III
6	−8.7	−7.1	−5.9	−7.2	0.1	553.2	551.9	552.8	100	100	100	WSW 2	WSW 3	WSW 2	10=*	10=*	10=*	61.8	≡² ✳² ✢² V
7	−6.8	−7.8	−11.6	−8.7	−1.3	553.9	555.5	557.8	100	100	100	WSW 2	WSW 2	E 1	10=*	10=	10≡	4.6	✳ n−10¹/₄ᵃ, ≡ ✢ V
8	−16.2	−14.9	−9.3	−13.5	−6.1	560.9	562.4	565.3	95	68	68	NNE 1	NNW 1	SW 3	1	1	8	.	Ψ 9¹/₂ᵖ [10ᵃ-1¹/₄, 5-7ᵖ
9	−7.4	−5.0	−5.2	−5.9	1.6	566.2	566.2	565.5	90	98	98	WSW 4	WSW 3	WSW 3	10	3	9	21.3	a ☄, ✳ 10¹/₄-11ᵃ, n, ≡
10	−4.5	−7.3	−9.4	−7.1	0.5	561.6	561.0	560.2	100	100	100	SW 3	WNW 2	NW 2	10=*	10=*	10=*	**73.3**	≡² ✳² ✢² V²
11	−8.4	−7.0	−7.1	−7.5	0.2	560.8	562.6	563.1	100	100	98	WSW 3	WSW 1	SW 1	10≡*△	10=*	9	17.7	△ I, ✳ ≡-6ᵖ, Ψ-n, *)
12	−6.4	−5.6	−6.5	−6.2	1.6	562.8	562.5	563.4	95	97	69	WSW 3	WSW 4	WSW 4	1	3	7	.	✢° 9ᵃ-3ᵖ, p ☄, Ψ III
13	−5.5	−6.2	−8.2	−6.6	1.2	563.1	562.2	563.2	98	100	100	WSW 2	WSW 3	SW 1	10=	10=*	10=*	36.9	≡ V, ✳² 8¹/₄ᵃ-n, ✢ *)
14	−10.6	−11.5	−12.0	−11.4	−3.5	563.1	563.5	561.6	100	98	100	WSW 2	SW 2	WSW 5	10=*	9	10=*	45.8	≡ ✳² n−10ᵃ, V, ✢² *)
15	−10.8	−9.6	−6.2	−8.9	−0.9	563.5	564.1	565.1	100	100	100	WSW 2	SW 1	WSW 2	10=*	10=*	10=*	12.5	✳ ✢ n-10¹/₄ᵃ, 1ᵖ-n, ≡ V
16	−5.0	−4.8	−8.1	−6.0	2.0	565.0	563.9	562.9	100	98	80	SW 2	WSW 3	WSW 3	10=*	7	9	4.3	✳ l, ≡ V n−0ᵖ, ✢°
17	−10.5	−10.2	−10.8	−10.5	−2.4	560.8	560.6	560.7	100	100	100	WSW 3	SW 2	SW 1	10=*	10=*	10=*	32.8	≡ V, ✳² ✢ 8ᵃ-n
18	−10.6	−11.1	−12.6	−11.4	−3.2	560.5	560.3	559.9	100	100	100	NE 1	NE 1	NE 1	10=	10=	6≡	3.9	✳ 8¹/₄-10¹/₂ᵃ, ≡ V
19	−11.5	−11.5	−9.4	−10.8	−2.6	560.1	561.1	563.9	85	80	75	ESE 1	ENE 1	E 3	1	0	1	.	✢° 8ᵃ-n
20	−6.7	−6.5	−4.5	−5.9	2.4	565.3	566.0	567.7	71	75	61	ESE 2	ESE 3	WNW 1	1	0	1	.	
21	−4.0	−4.5	−4.6	−4.4	3.9	568.9	569.6	**569.9**	54	67	50	NE 0	NE 1	NNE 3	0	3	2	.	
22	−4.1	−2.5	−3.6	−3.4	5.0	569.0	568.2	565.6	50	**40**	46	NNE 2	N 1	NE 1	2	3	1	.	
23	−6.1	−5.9	−5.4	−5.8	2.6	561.5	559.8	558.1	50	55	55	WSW 4	WSW 4	SW 4	1	3	9	.	☄, ✢ 0-7ᵖ
24	−6.6	−8.8	−9.1	−8.2	0.3	555.3	553.9	552.9	53	98	100	WSW 3	WSW 4	WSW 4	1	5	10≡*	11.4	☄, ≡ ☄ 4-5¹/₂ᵖ, ✢² *)
25	−13.6	−15.1	−16.0	−14.9	−6.4	556.6	558.8	561.9	100	100	100	NW 1	NW 1	NNW 1	10=*	10=*	10=*	4.3	≡ ✳ ✢² V [☄ III-n
26	−11.1	−9.2	−7.6	−9.3	−0.7	564.9	565.4	565.6	100	98	97	WSW 3	WSW 4	WSW 5	10=*	9	1	3.8	✳ ≡ n−10¹/₄ᵃ, ✢², p ☄,
27	−6.5	−5.4	−7.2	−6.4	−2.2	562.4	559.3	557.7	80	76	78	WSW 6	WSW 5	WSW 6	8	7	5	.	☄ ✢² [≡ 5¹/₂ᵖ-n
28	−7.2	−7.1	−12.1	−8.8	−0.2	552.6	547.0	546.4	75	85	100	WSW 2	WSW 5	ESE 5	9	9	10=*	6.8	✢° n-7¹/₂ᵖ, ✢²-n, ☄, ✳
29	−15.4	−15.9	−16.0	−15.8	−7.1	544.8	**543.5**	**543.5**	100	100	100	WSW 1	NW 1	NW 1	10=*	10=	10=*	7.6	✳ n−0¹/₂, 2ᵖ-n, ≡ V,
30	−18.4	−17.7	−18.1	−18.1	−9.4	544.4	545.8	549.0	100	100	100	NW 0	NW 1	NNW 1	10=*	10=*	10=*	3.8	≡ ✳ V° [✢ 4ᵖ-n
31	−19.6	−18.9	**−20.5**	−19.7	−11.0	552.1	554.3	556.5	98	100	100	NNW 1	NNE 1	NE 0	8	10=*	10=	1.2	V°, ✳° 1-2ᵖ, ≡ 11¹/₂ᵃ-n
																		Summe	
Mittel	−8.7	−8.4	−9.0	−8.7	—	560.3	560.0	560.1	87	89	88				6.9	6.9	7.4	386.2	

[*) **11.** a ✢² V², p ✢ V *) **13.** 9ᵃ-8¹/₂ᵖ *) **14.** ✳² 3ᵖ-n, ≡ 5³/₄ᵖ-n, ☄ III *) **24.** 3¹/₂ᵖ-n, ≡ ✳ 9ᵖ-n

Dezember 1913.
Beobachter: *D. Dittli.*

St. Gotthard (Hospiz).

$\lambda = 8° 34'$, $\beta = 46° 33'$,
$H\flat = 2102.9^m$, $G = -0.14\,{}^m/_m$.

1	−0.6	1.0	−1.8	−0.5	5.2	596.7	595.6	594.4	40	38	60	N 1	N 1	N 2	0	0	1	.	
2	−4.8	−1.6	−2.1	−2.8	3.0	593.8	594.4	594.9	97	56	49	N 2-3	N 1	N 1	3	1	1	.	☄ I
3	−2.6	**2.8**	−2.8	−0.9	5.0	594.7	594.7	593.2	45	32	60	NE 0	E 1	SE 2	1	1	3	.	
4	−3.8	−2.5	−6.8	−4.7	1.3	590.4	588.4	587.2	71	84	95	SE 3	S 1	SE 2	10	10	10*	7.1	☄ I, ≡° II, ✢° ✳ 3ᵖ-n
5	−9.0	−9.4	−8.6	−9.0	−2.9	586.8	586.1	586.0	56	83	80	N 5	N 3-4	SE 1	10	9	10*	18.0	☄ n–II, ✢° ✳ III–n
6	−5.9	−2.7	−3.5	−4.0	2.2	583.5	584.2	581.5	92	64	98	SE 1	SE 0	NE 1	10*	10*	10*	**29.0**	✳²
7	−4.4	−4.6	−8.0	−5.0	1.3	582.2	584.5	587.3	97	96	94	N 4-5	N 2	N 4	10*	10	8	7.9	☄ I, III–n, ✳
8	−11.8	−11.8	−8.9	−10.8	−4.4	589.8	591.3	594.3	90	90	60	N 5	N 5	N 4	4	1	3	.	☄
9	−6.8	−2.5	−3.7	−4.3	2.2	594.8	595.4	594.9	45	45	80	N 3	N 2	N 2	0	3	3	.	☄ n–I
10	−3.8	−2.7	−6.1	−4.2	2.4	591.4	589.8	589.6	97	96	95	N 2	N 4	N 5	3	10≡	10*	22.1	≡ II, p n ☄, ✢ ✳ 2ᵖ-n
11	−5.8	−4.6	−4.8	−5.1	1.6	589.5	590.2	591.7	97	67	71	N 5	N 4-5	N 3	10*	10*	10*	7.3	☄ ✢ ✳, ☄ III
12	−5.8	−4.4	−4.8	−5.0	1.8	591.9	592.2	592.9	72	73	31	N 2	N 1-2	N 2	1	0	1	.	
13	−6.4	−3.9	−6.2	−5.5	1.4	591.0	591.3	592.1	59	62	90	N 2	N 1	N 1	3	8	10*	9.2	✢° ✳ 3¹/₂ᵖ-n
14	−9.2	−8.0	−8.8	−8.7	−1.8	592.5	593.3	592.7	84	84	92	N 3-4	N 3	N 3-4	2	9	7	9.7	☄
15	−6.8	−7.0	−4.4	−6.1	0.9	590.9	593.1	593.9	93	93	95	N 5-6	N 5	N 2-3	10*	10*	8≡	8.0	☄ ✢ ✳ n-p, ☄ ≡ III–n
16	−3.3	−1.6	−4.6	−3.2	3.9	593.8	593.5	592.4	97	95	32	N 3	N 2	N 1	2	5	5	.	☄ I
17	−9.4	−8.2	−8.2	−8.6	−1.4	591.0	590.3	589.8	75	79	83	N 1	N 1	N 2	1	7	10	3.6	≡° III–n, n ✳
18	−8.7	−7.8	−12.2	−9.6	−2.4	589.5	589.3	589.1	84	85	83	N 1	N 0	S 1	10	10≡	7	1.0	a ≡°, ≡² II, n ✳
19	−8.4	−7.4	−9.8	−8.5	−1.2	590.1	591.3	593.6	85	85	72	S 1	SE 1	SE 1	10≡	10≡	2	1.3	a ≡², ≡ II, ✳ 1³/₄-5ᵖ
20	−6.2	−3.8	−5.4	−5.1	2.2	595.1	596.3	598.4	55	45	59	SE 1	SSE 1	SE 1	0	4	1	.	
21	−6.4	−3.2	−3.2	−4.3	3.1	598.5	**598.7**	598.6	52	28	20	SE 1	NNE 0	NNE 1	0	0	0	.	
22	−1.4	0.1	−4.2	−1.8	5.6	597.6	596.7	594.0	11	**10**	13	NE 2	N 0	S 1	0	1	0	.	
23	−5.0	−1.2	−5.7	−4.0	3.5	590.6	589.0	586.9	17	18	16	S 1	SE 0	SE 1	0	0	0	.	
24	−7.2	−3.2	−8.9	−6.4	1.1	584.5	583.4	583.1	23	20	94	SE 1	S 1	N 2	1	0	9	3.5	
25	−11.0	−11.6	−12.6	−11.7	−4.2	585.6	587.9	592.1	79	75	85	N 5	N 5	N 4	10*	6	9*	5.2	✢² ✳ n–I, ☄, ✢ ✳ III
26	−12.6	−4.2	−5.4	−7.4	0.2	594.4	595.5	596.0	69	40	26	N 3	NNE 2	NNE 1	3	2	1	.	☄ I
27	−5.8	−4.2	−8.0	−6.0	1.6	593.5	591.5	589.3	29	32	97	SE 1	SE 1	SE 1	3	3	10	.	
28	−6.5	−6.2	−8.3	−7.0	0.7	583.2	578.5	576.4	89	94	95	SE 2	S 2	S 2	10	10*	10*	16.1	✢ ✳ 8ᵃ-n
29	−12.0	−12.2	−13.8	−12.7	−5.0	572.6	571.5	**571.4**	87	88	87	N 4	N 4	N 4	10≡	10*	10*	13.2	≡ l, ☄, p ✢ ✳
30	−14.8	−15.0	−15.2	−15.0	−7.3	573.0	574.3	577.7	85	85	85	N 4	N 5	N 5	10	10*	10*	10.0	☄, p ✢ ✳
31	−16.0	−15.5	**−16.7**	−16.1	−8.3	581.4	583.3	586.5	32	23	25	N 3	N 3	N 3	3	10≡	10≡	3.8	☄, p ≡, ≡² III, n ✳
																		Summe	
Mittel	−7.2	−5.4	−7.2	−6.6	—	589.5	589.5	589.7	68	63	69				4.8	5.8	6.1	176.0	

Ergänzende Witterungsnotizen zu den Tabellen pag. 1—72.

Januar.

Bern. Neuschnee: **13.** 2^{cm}; **23.** 3.5. — Alpen sichtbar: **6** Mitt. **15** id. **25** Nm. — Alpen hell: **1** (Vm. früh klar). **14** bis Nm. **16** Ab. **28**; je Nm.: **7. 13. 17. 19. 24.** — **Altdorf.** **3.** Vm. Hochnebel (1000^{m}). **11.** Vm. früh Schneehöhe: 1.5^{cm}. **13.** u. **21.** je Vm. Schneegestöber auf den Bergen. — Föhn: **5** 8^{h}35^{m}–12^{h}20^{m} Vm. **14** Nm. **31** Ab. — Angeschneit: **18** (bis zu 600^{m} herab). **22** (bis 500^{m}). — **Genf.** **13.** Neuschnee auf den umliegenden Bergen. **22/23.** Nachts Schneefall (1^{cm}). — **Zürich.** **11.** Vm. gefrorner Regen. **18.** Vm. Boden teilweise schneebedeckt, Nm. schneefrei. **20.** Vm. Schneeanflug. **23.** Ab. schneefrei. **30.** Vm. 8^{h} leichtes Nebelreissen (gefrornes Gras). **31.** Seit 11^{h} Vm. besonders starke W-Böen. — Alpen sichtbar: **14** Nm. **16** Ab. (südwestl.). **17** Nm. (teilweise). **20** id. (zeitw.). **21** (teilw.). **24** Ab. (südöstl.). — Alpen hell: **14** Vm. **17** id. **19** Nm. **25** Vm. früh und seit 10^{h}. — Cirri: **6** Mitt. **7. 14.** — Hochnebel: **8. 9. 10. 27. 28** Vm. **30.** — Tal und See neblig: **7** Nm. **14** Vm. **15. 16** Nm. **20. 25** Nm. **28** id. **31** Vm. früh. — Tal u. See Nebel: **2. 7** Vm. **9. 16** Vm. **25** id.; je Nm.: **1. 3. 4. 6. 28.** — Schneegrenze: **21.** 550^{m}; **24.** id.; **28.** 600^{m}. — Neuschnee: **11.** 3^{cm}; **13.** 1–2; **14.** 4; **23.** Vm. früh 1 und 11^{h}: 3. — **Rigi-Kulm.** Totale Schneehöhe: **24.** 50^{cm}; **31.** 30. — Nebelmeer: **1** bis Nm. (teilw.). **4. 5. 6** Vm. **7** id. **8** id. **9** (Ab. teilw.). **10** (id.). **27** (id.). — Tal neblig: **2. 3. 7** Ab. **8** id. **14. 16** bis Nm. **20** Ab. **30** Mitt. — **Bevers.** **31.** Vm. früh Nebel bis zu 1850^{m} herab. — Neuschnee: **12.** 1^{cm}; **13.** 7; **16.** 1.5; **17.** 2; **18.** 6; **21.** 6; **22.** 1; **23.** 5; **24.** 22. — Totale Schneehöhe: **13.** 35^{cm}; **17.** 35; **18.** 37; **21.** 42; **22.** 42; **23.** 45; **24.** 65; **30.** 50; **31.** 48. — **Sitten.** Leichter Dunst: **11** tags. **19. 20. 22** je Ab. — Neuschnee: **13.** 3^{cm}; **17.** 3.5; **20.** 1.5; **21.** 3; **22.** 1.5 (total: 9^{cm}); **23.** Vm. früh 10 und Mitt. 16.5^{cm}. — **Lugano.** **20.** Mitt. Neuschnee: 2^{cm}. — N–Föhn: **12** 4$^{1}/_{2}$–9$^{1}/_{2}$^{h} Ab. **22** seit Mitt. **23** Vm. früh. — Neblig im Val Colla: **2** (und an den Bergen). **5** Ab. **18** Vm. früh. — **Basel.** **6.** u. **16.** Morgenrot je 8$^{1}/_{2}$^{h}. **31.** Vm. 8$^{1}/_{2}$^{h} S-Sturm. — Neuschnee: **10.** 1^{cm}; **11.** 1. — **Säntis.** **3.** und **6.** je Mitt. Alpen dunstig. — Morgenrot: **1. 3–10. 13–16. 20. 24. 25. 27.** — Abendrot: **1–4. 6. 7. 9. 14. 24.** — Cirri: **1. 2** Vm. früh und Mitt. **3. 4** Vm. früh. **5** bis Nm. **6–10** Vm. **14. 15. 16** Ab. **17** bis Nm. **19** Mitt. **24. 25** Vm. **27. 30.** — Neuschnee: **11.** 8^{cm}; **12.** 11; **13.** 13; **14.** 8; **17.** 3; **18.** 7; **19.** 24; **20.** 2; **21.** 2; **22.** 13; **23.** 9; **24.** 14; **26.** 3; **27.** 9; **28.** 2; **29.** 3; **30.** 3; **31.** 2. — Mittlere Höhe der Schneedecke: **3.** 272^{cm}; **6.** 267; **8.** 263; **10.** 259; **12.** 276; **15.** 292; **17.** 294; **19.** 322; **21.** 326; **24.** 358; **26.** 360; **29.** 371; **31.** 375. — Mittlere Schneegrenze: **9.** 1100^{m}; **13.** 600; **14.** Ebene angeschneit. — Alpen sichtbar: **10** Ab. **13** Vm. früh. **16** Vm. **17** bis Nm. **21** Mitt. **28** Ab.; je 9$^{1}/_{2}$^{h} Ab.: **4. 7. 13. 14. 19. 27.** — Alpen hell: **1–4** Nm. **5. 6. 8. 9. 10** Vm. **15. 16** Ab. **20** Vm. früh. **25** bis Nm. — Alpen klar: **1** Ab. **4** Vm. früh und Ab. **7. 8** Vm. früh. **14. 19** Nm. **24. 25** Vm. früh. **27. 30** Nm. — Ebene sichtbar: **4** 9$^{1}/_{2}$^{h} Ab. **13** Vm. früh und 9$^{1}/_{2}$^{h} Ab. **21.** Mitt. **27** 9$^{1}/_{2}$^{h} Ab. **28** Ab. — Ebene hell: **1–4** Nm. **5** bis Nm. **6–9. 14** Nm. **15. 16** Vm. und Ab. **17** bis Nm. **20** Vm. **24** id. und Ab. **25** bis Nm. — Ebene klar: **4** Vm. früh und Ab. **5** Ab. **7** 10$^{1}/_{2}$^{h} Vm. **8** Vm. früh. **14** Vm. **19** Nm. — Nebelmeer: **1** (600^{m}). **2** (Vm. tief bis 600^{m}, Ab Bodensee). **3** (Vm. 500, Nm. 600^{m}). **4** (7–800^{m}). **5** Vm. früh und Nm. (700^{m}). **6** bis Nm. (6–700^{m}). **7** (teilweise und tief; Vm. früh 600^{m}). **8** Vm 800, Nm. 900^{m}). **9** (7–800^{m}). **10** (1000–1100^{m}). **14** Vm. 10$^{1}/_{2}$^{h} (600^{m}). **15** bis Nm. (teilw., 6–700^{m}). **17** Vm. 10$^{1}/_{2}$^{h} (teilw. und tief). **24** (teilw. 11–1300^{m}). **27** (id., 1000–1100^{m}). **30** Mitt. (2000^{m}). — Alpen Nebel: **2** Ab. 9$^{1}/_{2}$^{h} (leicht). **10** Mitt. **20** 10$^{1}/_{2}$^{h} Vm. **21** Vm. früh. **30** 10$^{1}/_{2}$^{h} Vm — Ebene Nebel: **14** Nm. (teilw.). **15** Ab. (tief). **17** Vm. früh (leicht). **21** Vm. früh. **30** Vm. 10$^{1}/_{2}$ u. 4$^{1}/_{2}$^{h} Ab. — **St. Gotthard.** Totale Schneehöhe: **3.** 120^{cm}; **24.** 250. — Neuschnee: **13.** 12^{cm}; **15.** 6; **16.** 3; **17.** 1; **18.** 16; **19.** 16; **20.** 1; **21.** 11; **22.** 32; **23.** 30; **24.** 72; **26.** 11; **27** 12; **29.** 4; **30.** 2; **31.** 2.

Februar.

Bern. Alpen sichtbar: **6. 15** Vm. früh. **25. 26.** — Alpen hell: **1** Mitt. **4. 10** Ab. **11** id. **12** Nm. **14** Vm. **15. 23** Vm. früh. **24. 25. 26** Vm. früh. — Alpen klar: **5. 7. 12** Ab. **13. 25** Ab.; je Vm. früh: **4. 6. 8. 9.** — **Neuenburg.** **25.** und **26.** je 8$^{1}/_{2}$^{h} Vm. Dunst auf dem See. **28.** Nm. 1$^{1}/_{2}$^{h} schwacher E- und SW-Wind auf dem See. — Alpen sichtbar: **9. 13** bis Nm. **24.** — **Altdorf.** **28.** Schnee bis zu 800^{m} herab. — Föhn: **1** seit Ab. **2** bis 7$^{1}/_{2}$^{h} Vm. **17/18** Nachts. **18** bis 5^{h} Ab. — **Genf.** Neuschnee: **18.** 6^{cm}; **27.** 3. — **Zürich.** **5.** u. **10.** je Nm. Tal und See Dunst. **8.** Schneegrenze: 800^{m}. — Abendrot: **3** 6^{h} (stark), **4** 5$^{3}/_{4}$^{h}–6^{h}10^{m}. **5** 5$^{3}/_{4}$^{h}. **6** id. **11** id. (schwach). **12** (schwach). **13** 5^{h}40^{m}–6^{h}. — Alpen sichtbar: **1** Vm. früh. **3** Ab. (südwestl.). **4. 6** Vm. **7. 12** Nm. (schwach). **13** Nm. **15** id. (schwach). **23** Ab. **24** Vm. früh und Nm. **25** Ab. (schwach). — Alpen hell: **1** Nm.; je Vm.: **5** früh. **7** id. **8. 13** früh. **27** 9–11$^{1}/_{2}$^{h} (zeitw.). — Cirri: **1. 4** Vm. **5. 6** Nm. **7** Ab. **8** Vm. **10** Nm. **12** Ab. **13** Nm. **18** Ab. **20** id. **21. 24** Nm. — Tal und See dunstig: **6** Nm. **8** Vm. **13** id. — Tal und See neblig: **6. 21. 24** je Vm. **27.** — Tal und See Nebel: **5. 11**; je Vm.: **7. 12. 14. 20. 25. 26. 28.** — Hochnebel Vm.: **10** früh. **12. 14** (leicht). **19. 22** und Nm. — **Rigi-Kulm.** Totale Schneehöhe: **7.** 30^{cm}; **14.** 30; **21.** 25; **28.** 20. — Tal neblig: **4** Vm. früh. **12** Vm. **13** Mitt. **15** bis Nm. **20** Mitt. **21. 23** Mitt. — Nebelmeer: **9** Mitt. (teilw.). **12** Mitt.; je Vm.: **10** früh. **11. 13. 19** früh. **23.** — **Bevers.** **22.** Vm. früh etwas Nebel an den Bergen. **23.** Vm. früh Nebel bis zu 1800^{m} herab; Mitt. etwas dunstig. — Neuschnee: **1.** 0.5^{cm}; **2.** 2; **3.** 6; **4.** 3; **9.** 1. — Totale Schneehöhe: **2.** 46^{cm}; **3.** 50; **4.** 53; **9.** 53; **15.** 50; **28.** 52. — **Sitten.** **15.** und **19.** je Ab. leichter Dunst. **27.** Mitt. Schneefall auf den Bergen. **28.** Bis Nm. Nebel an den Bergen; Nm. schneefrei. — Neuschnee: **3.** 0.5^{cm}; **28.** 0.5. — **Lugano.** N–Föhn: **11** seit Nm. **14** Vm. 10$^{1}/_{2}$–6$^{1}/_{2}$^{h} Ab. — Neuschnee: **20** Vm. früh 1.5 und Mitt. 0.5^{cm}. — **Basel.** **8.** Morgenrot 8^{h}. — **Säntis.** **1.** Ab. und **11.** Mitt. Alpen Nebel. **7.** Vm. 7$^{1}/_{2}$^{h} Ebene und 10$^{1}/_{2}$^{h} Alpen vorbeiziehende Nebel. **18.** und **22.** Nm. 4$^{1}/_{2}$^{h} Alpen dunstig. — Morgenrot: **4–10. 12. 13. 15–27.** — Abendrot: **4. 5. 7. 9. 10. 12. 13. 15. 18–26.** — Neuschnee: **1.** 9^{cm}; **3.** 3; **4.** 5; **9.** 10; **15.** 1; **28.** 9. — Mittlere Höhe der Schneedecke: **2.** 384^{cm}; **4.** 390; **7.** 378; **9.** 386; **12.** 384; **14.** 380; **16.** 378; **18.** 372; **21.** 365; **23.** 360; **26.** 354; **28.** 361. — Mittlere Schneegrenze: **1.** 700^{m}; **3.** 800; **7.** 600; **10.** 700; **12.** 800; **20.** 800; **24.** 900. — Cirri: **1** Mitt. **4. 5** bis Nm. **6. 7. 8** Vm. **9. 10. 12** bis Nm. **13. 15** Vm. früh und Nm. **16** Vm. früh und 9$^{1}/_{2}$^{h} Ab. **17. 18** Vm. **19** Vm. früh. **20. 21. 22. 24. 25** bis Nm. **27** Vm. — Alpen sichtbar: **17** Ab. **18** Nm.; je 9$^{1}/_{2}$^{h} Ab.: **4. 5. 7. 9. 10. 11. 21. 23. 24. 25.** — Alpen hell: **6. 11** Vm. früh. **12. 15** Nm. **16** 9$^{1}/_{2}$^{h} Ab. **18** Vm. **20. 22. 26** Nm.; je bis Nm.: **1. 4. 7. 17. 27.** — Alpen klar: **4** Ab. **5. 7** 4$^{1}/_{2}$^{h} Nm. **8** Vm. **9. 10. 13. 15** Vm. **16** bis Nm. **19. 21. 22** Vm. früh. **23–26** Vm. — Ebene sichtbar: **1** 9$^{1}/_{2}$^{h} Ab. **4. 6** Ab. **7** Vm. **9** 9$^{1}/_{2}$^{h} Ab. **11** id. **12** Vm. früh. **15. 17** Ab. **18. 21** Nm. **22** Ab. 9$^{1}/_{2}$^{h} (teilw.). **26** Nm. — Ebene hell: **1** bis Nm. **4** 4$^{1}/_{2}$^{h} Nm. **5. 6** bis Nm. **7** Nm. **9** bis Nm. (4$^{1}/_{2}$^{h} klar). **10. 11** Mitt. **12** Nm. **13. 16** bis Nm. und 9$^{1}/_{2}$^{h} Ab. **17** bis Nm. **19** Ab. **20. 23. 24. 25 27** bis Nm.; je Vm.: **4** früh. **8. 10** früh (klar). **11. 15. 18** je früh. **21. 26.** — Ebene dunstig: **6. 7. 12. 15** je 4$^{1}/_{2}$^{h} Ab. **18** Nm. **19** 4$^{1}/_{2}$^{h} Ab. **20** Mitt. **21. 23. 24** Vm. 10$^{1}/_{2}$ und 4$^{1}/_{2}$^{h} Ab. **25** 4$^{1}/_{2}$^{h} Ab. **26.** — Nebelmeer: **5** Vm. (tief). **7** Vm. 10$^{1}/_{2}$^{h} (teilw., 1700^{m}). **9** (Vm. früh Bodensee; tags teilw., 700^{m}; Ab. tief). **10** (teilw., 6–700^{m}). **11** Vm. früh (500^{m}). **12** Vm. (800^{m}). **15** bis Nm. (teilw., 15–1600^{m}). **18** Vm. 10$^{1}/_{2}$^{h} (teilw., 1000^{m}). **19** bis Nm. (12–1300^{m}). **22** (Vm. 1400, Nm. 1600^{m}). — Ebene Nebel: **1** Ab. **4** (teil- und zeitw.). **11** Mitt. (teilw.). **12** Vm. früh (id.). **17** Nm. 4$^{1}/_{2}$^{h} (id.). **22** 9$^{1}/_{2}$^{h} Ab. — **St. Gotthard.** Neuschnee: **1.** 20^{cm}; **2.** 7; **3.** 22.5; **12.** 12; **18.** 10; **28.** 11. — Totale Schneehöhe: **7.** 260^{cm}; **14.** 260; **21.** 270; **28.** 260.

März.

Bern. **18.** Schneehöhe: 11^{cm}. — Alpen sichtbar: **4** Mitt. **11** Vm. früh. **13** Vm. **14** Vm. früh und Ab. **26** Nm. **27** Vm. früh. **31** Ab. — Alpen hell: **5. 6** Vm. früh. **7** id. **17. 19. 27** Ab. **30. 31**; je Nm.: **3. 9. 10. 12. 13. 29.** — Alpen klar: **5** Ab. **6. 7. 11. 13** Mitt. **16. 17** Vm. früh. **28. 30** Vm. früh. — **Neuenburg.** **21.** und **24.** je Vm. früh Nebel am Chaumont. **22/23.** Nachts starker W. — Joran: **8. 15. 16** je Nm. — Alpen sichtbar: **3** Ab. **5. 6** Ab. **10. 11** Nm. **16** bis Nm. **17** Vm. **27** Nm. **28** Ab. **30. 31.** — **Altdorf.** **24.** Schnee bis zu 630^{m} herab. — Neuschnee: **9.** 5–12^{cm}; **18.** 2–3. — Föhn: **12** 10$^{1}/_{2}$^{h} Ab. **16** seit 8^{h} Ab. **17. 20/21** Nachts. **22. 23** Vm. früh. **25/26** Nachts. **26. 28–31.** — **Genf.** **9.** Neuschnee auf dem Salève. — **Zürich.** **1.** Vm. früh Eisbildung. **9.** Neuschnee: 5.5^{cm}. **18.** Id.: 9^{cm}. **11.** Schneefrei. **12.** Ab. 4^{h} Sonnenring mit Nebensonne. **26.** Ab. Blitze im W. — Boden teilweise schneebedeckt: **10. 11** Vm. früh. **19** Nm. — Schneegrenze: **1.** 700^{m}; **12.** 750; **17.** 1200; **20.** 600; **27.** 1000; **31.** 1200. — Alpen sichtbar: **3** Nm. **4** Ab. (teilw.). **5** seit 10^{h} Vm. **6** Nm. **7** Vm. früh und Nm. **8** 8$^{1}/_{2}$–9$^{3}/_{4}$^{h} Vm. **10. 12** Nm. **13** Vm. früh und Nm. **17** Vm. früh. **20** Nm. **25** Ab. (südöstl.). **26** seit 9$^{1}/_{4}$^{h} Vm. **28** seit 11$^{1}/_{2}$^{h} Mitt. **29** Vm. **31** id. — Alpen hell: **2** Ab. **11** Vm. früh u. Nm. **17** Nm. **19. 28** Vm. bis 6$^{1}/_{2}$ und Ab. **29** gegen Mitt. — Alpen klar: **16** Nm. **20** Ab. **22. 29** Vm. früh. **30. 31** Nm. — Cirri: **5. 7. 11. 13** Vm. **14.**

17. 19. 28. 30. 31; je Nm.: **3. 4. 6. 10. 12. 13. 29.** — Tal und See dunstig Vm.: **4. 5. 13** (stark). — Tal u. See neblig Vm.: **7. 12. 28.** — Tal u. See Nebel Vm.: **3. 6. 10** (Limmattal). **11. 22. 29.** — Hochnebel Vm.: **1. 2** 9 bis $11^1/_2{}^h$. **10. 26** (schwach). — **Rigi-Kulm. 2.** Bis Nm. teilweise Nebelmeer. **25.** Mitt. id. — Tal neblig: **1** Ab. **22. 25. 28** je Vm. früh. — Totale Schneehöhe: **7.** 15^{cm}; **14.** 15; **21.** 10; **28.** 5. — **Bevers. 5.** Strasse für Wagen offen. **16.** Vm. früh dunstig. **22.** Vm. früh Nebel an den Bergen. **28.** Vm. früh Nebelstreifen am Inn. — Neuschnee: **9.** 3^{cm}; **18.** 20; **19.** 18; **24.** 10; **25.** 4. — Totale Schneehöhe: **9.** 41^{cm}; **19.** 53. — **Sitten. 8.** Vm. und **9.** Vm. früh Schneefall auf den nördlichen Bergen. **18.** Angeschneit bis zu 700^m herab. — N-Föhn: **22** Nm. **26** id. **29** Mitt. **30** seit Mitt. **31.** — **Lugano. 9.** und **18.** Schnee auf den umliegenden Bergen. — N-Föhn: **1** Vm. 9 bis $8^1/_2{}^h$ Ab. **8/9** Nachts. **9. 18** Nm. — **Basel. 8.** Vm. $9^1/_2{}^h$ W4 und Ab. $9–9^h10^m$ NE3. **17.** Mitt. $12^1/_4{}^h$ relative Feuchtigkeit: 20%. — **Säntis. 1.** und **7.** je Vm. früh Alpen Nebel. **28.** Vm. früh Ebene Reif. — Morgenrot: **2. 3. 5–8. 10–13. 16. 17. 25. 26. 28–31.** — Abendrot: **1–7. 11. 14. 16. 22** (schwach). **25** (id.). **26. 28. 29** (schwach). **30. 31.** — Neuschnee: **1.** 5^{cm}; **4.** 1; **9.** 10; **10.** 18; **11.** 5; **16.** 1; **18.** 7; **19.** 8; **20.** 3; **21.** 3; **22.** 3; **24.** 4; **25.** 3; **27.** 2; **28.** 2. — Mittlere Höhe der Schneedecke: **2.** 357^{cm}; **5.** 353; **7.** 348; **9.** 356; **11.** 377; **14.** 372; **17.** 368; **19.** 380; **21.** 382; **23.** 384; **26.** 390; **28.** 393: **31.** 380. — Mittlere Schneegrenze: **4.** 800^m; **5.** 900; **13.** 800; **16.** 900; **19.** 600; **20.** 900; **22.** 1000; **26.** 900; **28.** 1100; **31.** 1200. — Cirri: **1** Ab. bis **8** Vm. früh. **10** Ab. bis **13** Nm. **14. 16. 17. 19. 23** Vm. früh und Mitt. **25. 26** bis Nm. **28–31.** — Alpen sichtbar: **8** Vm. **10** Nm. **13** Ab. **14. 16** Nm. **17. 20** Mitt. **23** id.; je $9^1/_2{}^h$ Ab.: **1. 2. 3. 5. 6. 11. 18. 20. 21. 26. 27.** — Alpen hell: **4. 7. 10** Vm. und $4^1/_2{}^h$ Nm. **11. 12** Nm. **13** bis Nm. **14** $4^1/_2{}^h$ Ab. **16** Vm. **17** Vm. früh und Mitt. **19. 22. 23** Vm. früh. **25. 26** bis Nm. **28–31.** — Alpen klar: **1. 2. 3. 5. 6 11** Vm. $10^1/_2$ und $4^1/_2{}^h$ Nm. **12** Vm. **13** Vm. früh. **30** id. — Ebene sichtbar: **10** Nm. **13** Ab. **14. 20** Mitt. und $9^1/_2{}^h$ Ab. **21** $9^1/_2{}^h$ Ab. **25** $4^1/_2$ Nm. **26** Vm. **27** $9^1/_2{}^h$ Ab. — Ebene hell: **2. 3. 4** Nm. bis **8** Vm. **10** Vm. und $4^1/_2{}^h$ Nm. **11. 12. 13** bis Nm. **14** $10^1/_2{}^h$ Vm. **16. 17. 18** $9^1/_2{}^h$ Ab. **19. 22. 26** Nm. **28. 29. 30** Ab. **31.** — Ebene klar: **11** $10^1/_2{}^h$ Vm. **22** $4^1/_2{}^h$ Nm. **29** $10^1/_2{}^h$ Vm. **30** bis Nm. — Alpen dunstig: **7. 8** Vm. früh. **12** Mitt. **14. 16** $4^1/_2{}^h$ Nm. **17** bis Nm. — Ebene dunstig: **5** $10^1/_2{}^h$ Vm. **7. 8** Vm. früh. **12. 13. 14. 17** Mitt.; je $4^1/_2{}^h$ Nm.: **4. 5. 6. 16. 28. 29.** — Ebene Nebel: **1** Vm. früh und $9^1/_2{}^h$ Ab. **2** Vm. (teilw.). **4** $10^1/_2{}^h$ Vm. **6** id. (teilw.). **7** Vm. früh. **23** id. und Mitt. **25** Nm. $4^1/_2{}^h$ (teilw.). **26** Vm. $10^1/_2{}^h$ (id.). — Nebelmeer: **1** (19–2300^m). **2** Vm. früh (teilw., 700^m). **22** id. (Bodensee). **25** bis Nm. (teilw., $1200–1500^m$). **26** Vm. früh (teilw., 600^m). — **St. Gotthard.** Neuschnee: **1.** 12^{cm}; **9.** 20; **18.** 72; **19.** 21; **20.** 3; **21.** 3; **22.** 6; **23.** 22; **24.** 40; **25.** 25; **26.** 5; **27.** 26. — Totale Schneehöhe: **7.** 250^{cm}; **14.** 190; **19.** 180; **21.** 200; **28.** 270.

April.

Bern. 11. und **12.** Höhen ringsum schneebedeckt. **13.** Neuschnee: 3.5^{cm}. **24.** Nm. $3^1/_2–3^3/_4{}^h$ Gewitter im NW. **28.** Ab. $6^1/_2–7^h$ id. im N.— Alpen sichtbar: **5** Nm. **7** Ab. **14. 18** Nm. **20** Vm. früh. **21** Ab. **28** Nm. — Alpen hell: **4** Nm. **6. 15. 27** Nm. **30** id. — Alpen klar: **3** Nm. **14** Vm. früh. **16.** — **Neuenburg. 2.** Vm. früh W–Wind auf dem See. **4.** und **12.** je Ab. Joran. **8.** Vm. früh Nebel am Chaumont. **11.** Vm. Chaumont angeschneit. **13.** Ab. $9^1/_2{}^h$ Schneehöhe: ca. 2^{cm}. **22.** Nm. gegen 5^h Donner im SW. **24.** Nm. gegen 3^h Donner im S. **30.** Ab. Blitze im SE u. NW. — Alpen sichtbar: **3** Ab. **5** Vm. früh. **16** Ab. — **Altdorf. 2.** Angeschneit bis zu 550^m herab. **8.** Hochnebel. **10.** Nm. und **17.** Vm. Schneefall auf den Bergen. **11.** Angeschneit bis zu 500^m herab; Mitt. Nebel an den Bergen. **13.** Schneehöhe: 3^{cm}. **30.** Ab. ferne Blitze im NW. — Föhn: **4. 5. 17** Mitt. **24** Nm. $3–10^1/_2{}^h$ Ab. **26** Ab. **27** seit $12^1/_2{}^h$ Mitt. — **Genf. 27.** Ab. 5^h40^m Gewitter im E. **30.** Ab. $5^1/_2$ und $9^3/_4{}^h$ id.; seit 8^h40^m Blitze im N. — **Zürich. 8.** und **10.** Vm. hochneblig. **12.** und **13.** Neuschnee: je 4^{cm}. **14.** Nm. und **15.** Vm. früh teilweise schneebedeckt. **15.** Nm. schneefrei. **27.** Nm. 2^h34^m und $3^3/_4{}^h$ Donner im E, $4^h20^m–30^m$ im W; Nachts $10^h55^m–12^1/_2{}^h$ Gewitter im NW. **28.** Nachts $11–12^h$ Blitze im NE. **29.** Vm. 2^h17^m ferner Donner und Blitze im NW und $4^h25^m–5^h$ im WSW. **30.** Ab. ringsum Blitze. — Schneegrenze: **2.** 800^m; **11.** 600; **16.** 700. — Alpen sichtbar: **6. 16** Vm. **21** Ab. **25** id. **29** Vm.; je Nm.: **3. 4. 5. 7** (teilw.). **15. 28.** — Alpen hell: **4** Ab. (klar). **5** Vm. (id.). **16** Nm. **17** Ab. (teilw.). **18** Nm. (id.). **19** bis $9^3/_4{}^h$ Vm. **27** Vm. **28** Vm. früh. **29** Nm. **30.** — Cirri: **4. 5** Nm. **6. 10** Nm. **15** id. **16. 18** Ab. **21. 22. 24** Nm. **25** id. **26. 28.** — Tal u. See neblig Vm.: **10. 14. 16** früh. **20** id. (dunstig). **28** früh. — Tal und See Nebel Vm.: **4** bis 9^h **21. 25.** — **Rigi-Kulm.** Nebelmeer: **3** Vm. **27** Vm. früh (teilw.). — Tal neblig: **3** Mitt. **4** Vm. früh. **7** Mitt. **26** id. — **Bevers. 26** Talsohle schneefrei. **28.** Nachts ferne Blitze im N. — Neuschnee: **2.** 14^{cm}; **3.** 30; **5.** 12; **13.** 2. — **Sitten. 1.** Schnee bis zu 900^m herab. **9.** und **20.** je Vm. früh Nebel an den Bergen. **10.** Nm. leichter Dunst. **19.** Seit 11^h Vm. Schnee auf den Bergen. — N-Föhn: **4** Nm. **5. 26** Mitt. **27** id. — **Lugano. 5.** Schnee bis zu 600^m herab. **30.** Nm. $1^1/_2–2^1/_2{}^h$ Gewitter von NE–SE. — N-Föhn: **2** seit $10^3/_4{}^h$ Vm, **11** Nm. **12** seit Ab. **13** bis $12^1/_2{}^h$ Nachts. **14** Nm. $3^1/_2–12^1/_2{}^h$ Nachts. — **Basel. 12.** Nm. $2^1/_4–7^h$ Ns. **24.** Nm. $3^h38^m–4^h21^m$ Gewitter von W nach E und Ab. $7^h37^m–55^m$ id. von SW n. E. **27.** Ab. $6^h47^m–8^h40^m$ ferner Donner im NW. **29.** Vm. $7^1/_2–7^3/_4{}^h$ Donner im NE nach NW. **30.** Ab. Blitze im S; Nachts $11^h28^m–12^1/_4{}^h$ Gewitter im N. — **Säntis. 3.** Teilweise Nebelmeer ($11–1400^m$). **4.** Vm. früh tiefes Nebelmeer. **27.** Vm. $10^1/_2{}^h$ Alpen dunstig; Nm. $3^1/_2{}^h$ Donner im NE. **28.29.** Nachts Gewitter im S. **30.** Ab. Blitze im NE–SE. — Morgenrot: **3–6. 15. 16. 22. 24. 27–30.** — Abendrot: **3. 4. 5** (schwach). **15. 22. 24. 26** (schwach). **27–30.** — Cirri: **3. 4. 5** Nm. **15** Ab. **16. 24** Nm. **25** Mitt. **26** Ab. **27. 28** Nm.; je Vm.: **6. 8** früh. **9** id. **15** id. **19** id. **22. 26** $10^1/_2{}^h$. **29.** — Neuschnee: **1** 1^{cm}; **3.** 2; **11.** 15; **12.** 10; **13.** 10; **14.** 2; **17.** 2; **18.** 18; **19.** 3; **20.** 12; **21.** 16; **22.** 2; **25.** 1; **29.** 1. — Mittlere Höhe der Schneedecke: **4.** 394^{cm}; **7.** 392; **11.** 405; **14.** 425; **16.** 423; **18.** 442; **21.** 468; **23.** 468; **25.** 452; **28.** 438; **30.** 431. — Mittlere Schneegrenze: **3.** 700^m; **4.** 900; **15.** 600; **16.** 700; **19.** 1000; **22.** 1100; **28.** 1300. — Alpen sichtbar: **3** Ab. **8** Vm. früh. **13** id. **14** $9^1/_2{}^h$ Ab. **15** id. **22** (zeitw.). **23** Vm. früh und Ab. **25** Nm. **26** Ab. **27** Vm. **28** Nm. **29** Vm. — Alpen hell: **3. 4. 5. 6** bis $1^1/_2{}^h$ Nm. (früh klar). **15** bis Nm. **16. 19** Vm. früh. **22** id. **24** Vm. und $4^1/_2{}^h$ Ab. **25** Vm. früh. **26** bis Nm. **27** Nm. **28** Vm. früh. **29** Nm. **30.** — Ebene sichtbar: **3. 6** Mitt. **13** Vm. früh und $9^1/_2{}^h$ Ab. **14** $9^1/_2{}^h$ Ab. **15** Ab. **22** Nm, **23** Vm. früh und Ab. **24** Nm. **25** Ab. **26** (Vm. teilw.). **27. 28** Nm. **29** Vm. — Ebene hell: **4. 5** Nm. **15** bis Nm. **16. 19** Vm. früh. **22** Vm. **24** id. **25** Vm. früh. **28** id. **29** Nm. **30.** — Ebene klar: **4** $4^1/_2{}^h$ Nm. **5** Vm. **6** id. — Ebene dunstig $4^1/_2{}^h$ Nm.: **24. 26.27** tags. **29. 30.** — Alpen Nebel: **7** $4^1/_2{}^h$ Nm. **9** Vm. früh. **13** Ab. $9^1/_2{}^h$ (schwach). **14. 15** Ab. **19** Mitt. (schwach). **24** Nm. **25** Vm. **28** id. und $9^1/_2{}^h$ Ab. — Ebene Nebel: **7** $4^1/_2{}^h$ Nm. **8** Vm. früh. **9** id. **14. 19** Mitt. (leicht). **23** $10^1/_2{}^h$ Vm. **24** Mitt. **25** bis Nm. **26** Vm. **28** id. und $9^1/_2{}^h$ Ab. — **St. Gotthard.** Neuschnee: **1.** 40^{cm}; **2.** 78; **3.** 37; **4.** 5; **5.** 40; **6.** 20; **8.** 6; **10.** 3; **11.** 20; **12.** 34; **14.** 13; **20.** 5; **24.** 3; **25.** 15; **26.** 34. — Totale Schneehöhe: **2.** 360^{cm}; **4.** 380; **11.** 310.

Mai.

Bern. 3. Vm. früh dichter Nebel am Gurten. **24.** Ab. Alpenglühen. **27.** Ab. Blitze im SE und SW. — Alpen sichtbar: **8. 13. 17** Ab. **20** Vm. früh. **26** Mitt. **27** Vm. früh. — Alpen hell: **7** Ab. **8** Mitt. **9** Nm. **12** Mitt, **13** Vm. früh. **16** Nm. **20** Ab. **22** Vm. früh. **24** Ab. **25. 28** Nm. bis **31.** — Alpen klar: **12. 21. 25** Vm. früh. **31** id. — **Neuenburg. 2** Vm. früh SW–Wind auf dem See. **5.** Nm. NE–Böen. **9.** Vm. früh Nebel auf dem See. **11.** Vm. früh Nebel am Chaumont. **28.** Vm. $5^1/_2{}^h$ Donner im N. — Gewitter: **10** Nm. $4^1/_4–5^1/_4{}^h$ (aus NW). **17** Mitt. (im S). **27** Ab. $6^1/_2–7^1/_2{}^h$ (im NW). — Joran: **1. 10** Nm. **16** Ab. **22** Nm. — Alpen sichtbar: **18** Vm. früh. **20. 23. 24** je Ab. — **Altdorf. 4.** u. **5.** Schneefall auf den Bergen. **8.** Vm. früh Frost. **22.** Nm. $4^1/_4{}^h$ Donner. — Föhn: **9** Ab. **10** Mitt. **14** seit Mitt. **15** (abwechselnd mit W–Sturm). **16. 17. 29** Ab. **30. 31.** — Angeschneit: **5** (bis zu 800^m herab). **6** (bis 750^m). **7** (1000^m). **11** (900^m). **20** (950^m). — **Genf. 1.** Neuschnee auf den umliegenden Bergen. **17.** Salève vollständig schneefrei. — **Zürich. 5.** Schneegrenze: 1200^m. **17.** Nm. $4^h5^m–35^m$ Gewitter von SW nach NE und $4^h17^m–19^m$ leichter Hagel. **25.** Ab. $8^h20^m–30^m$ Purpurlicht. **31.** Ab. $5^1/_2{}^h$ Gewitter von W nach E. — Blitze Ab.: **16** (fern, im W). **17** Nm. 4^h (im W). **27** (im W–S). **28** (im W). **30** (im SW). — Donner: **22** Nm. 1^h50^m u. 55^m (im WNW). **28** 6^h40^m Vm. **30** Nm. 2^h2^m (im W) und $4^h26^m–5^h10^m$ (im SW). **31** 5^h23^m Ab. — Alpen sichtbar: **8. 23** Ab. **27. 28. 29** seit 11^h Vm.; je Nm.: **10. 14** (schwach). **15. 20** (teilw.). **21. 30.** — Alpen hell: **8** Vm. früh. **15** Vm. **16** id. (Nm. klar). **17** Vm. $9^1/_2–3^h$ Nm. und Ab. **31.** — Cirri: **8. 14. 15. 16. 17** Nm. **21** id. **22** Vm. **26** Ab. **27. 28** Ab. **29–31** je Vm. — Tal und See Dunst Vm. früh: **15** Vm. **22. 26** (leicht). **29.** (id.). — **Rigi-Kulm. 19.** Ab. 9^h Donner. — Tal Nebel Vm. früh: **12. 13** (leicht). **14** (id.). **17** und Ab. (teilw.). **24** Ab. (leicht u. teilw.). **25** (teilw.). — **Bevers. 4.** u. **11.** Mitt. Schneegrenze: 1800^m. **23.** Vm. Schnee auf den Bergen. **27.** Ab. 10^h ferne Blitze im W. **29.** Vm. früh dunstig. — Neuschnee: **2.** 2^{cm}; **5.** 12; **6.** 2.5. — **Sitten. 6.** Schnee auf den Bergen. **11.** Angeschneit bis zu 1200^m herab. **30.** Nm. Gewitter über den östlichen Bergen. — **Lugano. 4.** Ab. $8^3/_4–9^1/_2{}^h$ Gewitter von W nach NW. **5.** Schnee auf den umliegenden Bergen, im W bis zu 600^m herab. **11.** Berge angeschneit bis zu 1000^m herab. **30.** Vm. gegen 10^h Gewitter von SW und seit $10^1/_4{}^h$ Ab. — N–Föhn: **5. 7** Nm. **11. 19/20** Nachts. **20** Vm. früh. **22** seit $8^1/_2{}^h$ Ab. **23. 24** Vm. $11–8^1/_2{}^h$ Ab. **28** Mitt. $11^3/_4–5^3/_4{}^h$ Ab. — **Basel. 10.** Ab. 5^h40^m Donner. **18.** Nm. $4^1/_2{}^h$ id. **27.** Ab. ringsum Blitze. — Gewitter: **10** Nm. (von W nach E). **16** gegen Mitternacht (von SW nach NE). **17** Nm. (von W nach E). **31** Nm. $2^h36^m–3^1/_4{}^h$ (von SW n. SE), $4^h12^m–50^m$ (im W u. SW) und $5^1/_2{}^h–6^h5^m$ Ab. (von W nach E). — **Säntis. 3.** Vm. $10^1/_2{}^h$ Nebelmeer (2300^m). **8** Vm. früh Ebene Reif. **13.** Vm. früh teilweise Nebelmeer (700^m). **17.** Nm. 4^h25^m öfters ferner Donner im NNW–N. **22.** Ab. Blitze nahe im SE. **30.** Nm. 3^h20^m ferner Donner im NW und 4^h13^m im NE. **31.** Ab.

öfters Blitze im N. — Gewitter: 4 Nm. (von NW–N–NE). 10. (von SE–N). 22 Nm. (im Rheintal). 27/28 Nachts (im SE). — Morgenrot: 8. 9. 10. 13. 14. 15 (schwach). 16. 21. 25. 26. 29. 30. — Abendrot: 8. 9. 10 (schwach). 12. 13. 14. 15 (schwach). 16. 17. 20. 21. 24. 25. 26. 29. 30. 31. — Neuschnee: 2. 4cm; 3. 3; 4. 2; 5. 5; 6. 3; 7. 10; 8. 6; 11. 15; 12. 16; 13. 2; 18. 2; 19. 9; 20. 4; 21. 6; 23. 7; 24. 17; 25. 2. — Mittlere Höhe der Schneedecke: 2. 425cm; 5. 432; 7. 439; 9. 436; 12. 460; 14. 448; 16. 432; 19. 438; 21. 445; 23. 448; 26. 460; 28. 418; 30. 382. — Mittlere Schneegrenze: 8. 1400m; 15. 1500; 17. 1600; 19. 1300; 28. 1600. — Cirri: 3 bis $1^1/_2{}^h$ Nm. 4 bis Nm. 5 $4^1/_2{}^h$ Ab. 8. 14. 16 bis Nm. 17 $9^1/_2{}^h$ Ab. 21 Nm. 29 Mitt. 30 $9^1/_2{}^h$ Ab. 31; je Vm.: 1 früh. 9 id. 12 id. 15 $10^1/_2{}^h$. 17. 22 früh. 25. 27 $10^1/_2{}^h$. 28 id. 29 früh. 30. — Alpen sichtbar: 4 Vm. früh und Mitt. 9 Nm. 10. 14 Nm. 17. 26 bis Nm. 27. 30; je $9^1/_2{}^h$ Ab.: 3. 6. 7. 9. 10. 27. — Alpen hell: 1. 8. 12 Ab. 15. 16. 21. 29. 31; je Vm.: 3. 9. 13. 14. 22 früh. 25. 28 $10^1/_2{}^h$. 30 früh. — Alpen klar: 17 Mitt. 21 $10^1/_2{}^h$ Vm. 26 Vm. früh. — Ebene sichtbar: 4 bis Nm. 9 Nm. 10. 14. 17. 21 Ab. 26 bis Nm. 27. 30 Ab.; je $9^1/_2{}^h$ Ab.: 2. 5. 13. 20. 24. 25. — Ebene hell: 1 bis Nm. 8. 12 $9^1/_2{}^h$ Ab. 15. 16. 17. $9^1/_2{}^h$ Ab. 21 bis Nm. 29. 30 bis Nm. 31; je Vm.: 9. 13. 14 früh. 22 id. 25. 26 früh. 27 $10^1/_2{}^h$. 28 id. — Alpen dunstig: 8 Ab. 9 Vm. 29 Ab. 30 $10^1/_2{}^h$ Vm. — Ebene dunstig: 4 Mitt. 8. 9 Vm. 21. 22 Vm. früh. 25 id. 27 Ab. 29 Nm. 30 bis Nm. 31. — Alpen Nebel: 4 Vm. 12 Vm. früh. 13 Mitt. 22 id.; je Ab.: 2 $9^1/_2{}^h$. 5. 9 $4^1/_2{}^h$. 25. 26. 28. — Ebene Nebel: 3 Vm. früh. 9 $4^1/_2{}^h$ Nm. 10 Vm. früh. 12 id. und $4^1/_2{}^h$ Nm. 13 Mitt. 22 id.; je Ab.: 1. 5. 25. 26. 28. — **St. Gotthard.** Totale Schneehöhe: 2. 280cm; 9. 260; 16. 210; 23. 180; 30. 145. — Neuschnee: 2. 41cm; 3. 16; 4. 2; 5. 28; 6. 7; 11. 43; 15. 5; 16. 3; 17. 10; 18. 2; 20. 10; 23. 3.

Juni.

Bern. 2. Ab. Blitze im W. 10. Abendrot. 16. Vm. früh Dunst. 19. Nm. 1^h50^m Gewitter im SW. — Donner: 3 Ab. $6–7^h$ (fern). 17 Nm. $2^h20^m–5^h$ (id.). 24 Vm. 10^h20^m und $3^1/_2{}^h$ Nm. (fern). — Alpen sichtbar: 10. 15 bis Nm.; je Vm. früh: 11. 14. 18. 23. — Alpen hell: 5 Vm. früh. 7 Ab. 8 (klar). 10 Ab. 11. 12 Vm. früh. 14 Ab. — **Neuenburg.** 2. Ab. Blitze im NE und W. 11. Alpen sichtbar. 18. Ab. Blitze nach allen Richtungen. 24. Nm. $2^3/_4–3^1/_2{}^h$ Gewitter im SW. — Donner: 4 gegen 4^h Nm. (im SW). 15 nach 3^h Nm. (im NW). 16 Mitt. $12^1/_2–2^h$ (im N) und nach 7^h Ab. (im SE). 17 Mitt. $11^3/_4–2^1/_2{}^h$ (im NW). 18 Nm. $1^1/_2{}^h$ (im NW). — Joran: 1 Nm. 4 id.; je Ab.: 3. 6. 7. 9. 10. 27. — **Altdorf.** 1. Bis Nm. und 3. Föhn. 24. Ab. 9^h25^m Gewitter im SW. 29/30. Nachts stürmischer N. — Donner: 16 Nm. $3^3/_4{}^h$ (fern). 17 Nm. zwischen 5 u. 6^h. 18 5^h10^m Nm. 27 Nm. $3^3/_4{}^h$ (aus W). 28 6^h5^m Vm. — Angeschneit: 22 (bis zu 1250m herab). 25 (bis 1500m). 28 (bis 1400m). — **Zürich.** 4/5. Nachts Blitze im S. 27. Vm. Hochnebel. — Gewitter: 6 Ab. 9^h50^m (Blitz und Donner im W). 18 seit 7^h Ab. (id. im S) und $8^h25^m–55^m$ (von SW nach E). 24 Nm. $3^h7^m–40^m$ (von WNW nach E; 3^h25^m u. 30m nahe Blitzschläge). 27 Nm. $3^h2^m–10^m$ (im Zenith; 3^h10^m naher Blitzschlag). — Donner: 5 Nm. 3^h55^m und 4^h4^m (im SW). 19 Nm. 4^h7^m (im WNW) und $4^h37^m–55^m$ (im SW). 24 Nm. $1^h43^m–50^m$ (im N), 5^h15^m u. 44m Ab. — Alpen sichtbar: 2 (schwach). 3 Ab. (schwach). 4 id. 5 Vm. (schwach). 7 Nm. (Voralpen). 8 (hell). 10 Nm. 11 (Vm. hell; Nm. (teilw.). 17 Nm. 18 Vm. 19 id. 24 Nm. (schwach). — Cirri: 1–4 Vm. 5. 10. 14 Nm. 17 Ab. 18 Vm. 23 Ab. 24 Vm. — Tal u. See dunstig Vm.: 3 (stark). 4. 17 früh. — **Rigi-Kulm.** 27. Nm. Donnerschläge (Gewitter). — Nebel im Tal: 4 bis Nm. 14 Mitt. (leicht). 19 Ab.; je Vm. früh: 3. 5 (leicht u. teilw.). 9. 23. — **Bevers.** 4. Nm. Gewitter aus SW nach NE (2–6 km entfernt) mit SW4–5. 6. Nm. leichter ferner Donner. 7. Schneehöhe auf Station Spinas (1818m): 3 und auf Preda (1798m): 25cm. 24. Nm. $2^3/_4{}^h$ Donner im NW. — Angeschneit: 7 (bis 1900m herab). 21 (id.). 22 (bis 1960m). 26 (1950m). 28 (1800m). 29 (2200m). — Nebel Vm. früh: 16 (bis zu 1960m herab). 25 (bis 1750m). — **Sitten.** 7. u. 22. Bergspitzen angeschneit. 17. Nm. Gewitter in den Bergen. 25. u. 26. Schnee an den Bergen. — **Lugano.** 2/3. Nachts st. NW. 19. Nm. Blitze u. Donner im SSW. — N–Föhn: 7 seit 4^h Vm. 12 seit $10^1/_2{}^h$ Vm. 21 seit 11^h Vm. 22. 26. 27. 28. 30 seit $8^1/_2{}^h$ Vm. — **Basel.** 18. Ab. $9^1/_4–9^3/_4{}^h$ Blitze im SW. — Gewitter: 5 Nm. $1^1/_4–1^1/_2{}^h$ (von W nach N). 17 Nm. $3^h24^m–4^h25^m$ (von W nach E; $4^h8^m–12^m$ Hagel). 18 Nm. $4^h20^m–5^h2^m$ (von SW nach S) und Nachts $10^h18^m–11^h25^m$ (von SW nach N). — Donner: 5 Nm. 3^h25^m (im E). 18 Ab. $9^1/_2{}^h$ (im SW). 19 Mitt. 12^h30^m bis 40m (leicht, im N). 21 Nm. $3^h1^m–18^m$ (im N). 24 Nm. $1^h9^m–24^m$ (id.) und $5^1/_2{}^h$ Ab. — **Säntis.** 1. Vm. früh teilweise Nebelmeer (600m). 2. Ab. öfters Blitze im WSW. 10. Schneegrenze: 1800m. 27. Ab. 8^h2^m Blitz und Donner im NE; 9^h55^m und 10^h Blitzschläge ins Bureau. — Donner: 4 Nm. $3^h27^m–5^h10^m$ (im SE). 5 Nm. $4^h50^m–5^h20^m$ (S–E). 15 Nm. 2^h55^m (fern, SSW). 18 Ab. $5^h50^m–7^h20^m$ (im S von E–N). — Morgenrot: 1–5. 8. 15. 16. 17. — Abendrot: 1 (schwach). 2. 3. 4. 7. 8. 10. 13–17. 23. — Neuschnee: 7. 15cm; 21. 10; 23. 4; 25. 4; 26. 4; 27. 2; 28. 25; 29. 3; 30. 4. — Mittlere Höhe der Schneedecke: 3. 338cm; 6. 280; 7. 295; 10. 278; 13. 265; 16. 228 ;18. 195; 20. 180; 23. 192; 27. 198; 29. 222. — Cirri: 1–4 Nm. 5 Vm. früh. 10. 14 Ab. 15 Vm. 17 Ab. 18 Vm. früh. 19 Mitt. 23 Vm. früh u. Ab. — Alpen sichtbar: 3. 4. 10 Vm. 14. 15 Vm. 16 id. 17. 24 $10^1/_2{}^h$ Vm.; je Ab.: 1. 7 $9^1/_2{}^h$. 8. 15. 16. 18 $9^1/_2{}^h$. 23 id. — Alpen hell: 1 bis Nm. 2. 3 Vm. früh. 4 id. 5 bis Nm. 8 id. (klar). 10 Nm. 11 Vm. 17 Vm. früh. 18 Vm. — Ebene sichtbar: 2. 3. 4. 5 Nm. 10 Vm. 14. 15 Vm. und Ab. 16 id. 17. 19 Mitt.; je $9^1/_2{}^h$ Ab.: 7. 8. 18. 19. 23. — Ebene hell: 1. 4 $4^1/_2{}^h$ Nm. 5 Vm. 8 bis Nm. 10 Nm. 11 Vm. 18 id. 24 $10^1/_2{}^h$ Vm.; je Vm. früh: 2. 3. 4. 8 (klar). 17. — Alpen dunstig: 3 Mitt. 4 $10^1/_2{}^h$ Vm. — Ebene dunstig: 2 bis Nm. 3 Mitt. 4 $10^1/_2{}^h$ Vm. 14 $4^1/_2{}^h$ Nm. 15 Vm. früh. 16 Ab. — Alpen Nebel: 7 Ab. 19 $9^1/_2{}^h$ Ab. 23 Vm. früh und Nm.; je Mitt.: 14. 16. 18. 19. 24. — Ebene Nebel: 1 $9^1/_2{}^h$ Ab. 2 Vm. früh (teilw.) und $4^1/_2{}^h$ Nm. 5. 7. 8 je $4^1/_2{}^h$ Nm. 14. 16. 18 je Mitt. 23 Vm. früh u. Nm. 24 Mitt. — **St. Gotthard.** 15. Seen stellenweise eisfrei. 20. Seen bis zur Hälfte offen. 27. Schneefrei. 30. Sella- und Lucendro-Seen noch eisbedeckt. — Totale Schneehöhe: 13. 40cm; 20. 10. — Neuschnee: 7. 2cm; 21. 3; 26. 4; 28. 18.

Juli.

Bern. 11. Nm. $2–3^h$ öfters ferner Donner. 13. Abendrot. 14. Ab. Blitze im SE. 25. Vm. früh dichter Nebel am Gurten und auf der Aare. 26. Ab. $9^1/_4–10^1/_4{}^h$ Gewitter dem Jura entlang. 27. Nm. $2–4^h$ id. längs der Stockhorn-Kette. — Alpen sichtbar: 2 Mitt. 13 Nm. 14 (hell). 27 bis Nm. 28 Mitt. 30 id. — **Neuenburg.** 27. Ab. Blitze im S. 27. u. 28. je Vm. früh dichter Nebel auf dem See. 28. Nm. $1^h40^m–2^h$ Donner im NW. 30/31. Nachts Blitze im S. — Gewitter: 22 Ab. $8^1/_2{}^h–9^h20^m$ (aus W). 27 gegen 3^h Nm. (im S). 30 Nm. $4–5^1/_4{}^h$ (im NW). — Joran Ab.: 2. 3. 4. 19. 20 Nm. 21. 22. 30. — **Altdorf.** 9. Angeschneit bis zu 1550m herab. 14. Vm. früh Cirri im S. 22. Seit $10^3/_4{}^h$ Vm. föhnig. — Gewitter: 14 seit 8^h40^m Ab. (von NW nach S und SE). 27 Nm. seit 1^h10^m (im W nach S und E; Donner). 30 seit 8^h5^m Ab. (von S nach E–NE). — Donner: 15 Vm. früh; 27 Vm. $5^1/_2{}^h$ und 10^h10^m Ab. 28 $5^1/_2{}^h$ Vm. — **Zürich.** 22. Ab. 7^h50^m Donner; $9–10^h$ Gewitter von SW nach NE. 27. Vm. zwischen 1 und 2^h Gewitter im N vorüberziehend. 28. Vm. $8^h7^m–42^m$ häufig Donner im S. 31. Ab. $8^h20^m–35^m$ intensives Purpurlicht. — Blitze Ab.: 14 (ringsum). 28 (im SW). 30 (im S). — Alpen sichtbar: 13 Nm. (schwach). 14. 28 Nm. (schwach). — Cirri: 2. 4 Vm. 12 Nm. 14. 21 Nm. 22 Vm. 25 Nm. bis 28 Vm. 30. 31 Vm. früh. — Tal und See Dunst Vm.: 14 früh (leicht). 26 (See). 28 (intensiv). 29 (tags). — Tal und See neblig Vm.: 8 (stark). 10 12. 18. — **Rigi-Kulm.** 9. Schneehöhe: 5cm. 22. Ab. starkes Gewitter (heftige Donnerschläge). — Nebel im Tal: 8 Vm. früh (leicht). 25 Mitt. 31 Vm. früh. — **Bevers.** 8. Nm. Nebel an den Abhängen bis zu 1900m herab. 13. Vm. früh etwas Dunst im NE. 16. Vm. $9^h20^m–12^h$ öfters schwacher Donner im N. 22. Nm. $5^h27^m–45^m$ Gewitter aus W und $5^h25^m–30^m$ Hagel. 30. Ab. ferne Blitze im W. — Schneegrenze: 9. 1850m; 10. 1900; 11. 2000; 16. 1960; 24. 1960. — **Sitten.** Schnee auf den Bergen: 8 Nm. 11. 23. — Angeschneit: 17 (bis zu 1900m herab). 24 (bis 1800m). — **Lugano.** 20. Mitt. 1^h8^m leichter Erdbebenstoss von NNW nach SSE. 30/31. Nachts ferne Blitze. — Gewitter: 3 Vm. früh (von SW). 6/7 Nachts (fern). 22/23 id. (von S und SW). 30 Ab. (von SW und W nach N). — N–Föhn: 1 $8^1/_2–12^1/_2{}^h$ Nachts. 8 $12–1^h$ Mitt. 9 Vm. $9^1/_2$ und $1^1/_2–2^1/_2{}^h$ Nm. 11 8 u. $9^1/_2–12^1/_2{}^h$ Nachts. 12 Mitt. $12^1/_2–12^1/_2{}^h$ Nachts. 16 4^h Nm. 17 seit $12^1/_2{}^h$ Mitt. 18 seit $10^1/_2{}^h$ Vm. 20 seit Ab. 21 Vm. früh. — **Basel.** 8. Nm. $1^h5^m–38^m$ Donner im NE nach E und 3^h49^m im N. 11. Ab. ca. 5^h Donner. 14. Ab. 9^h5^m Blitze im E. 20. Nm. $1^h6^m47^s$ Erdbeben. — Gewitter: 8 Nm. $2^h17^m–3^h30^m$ (im S). 14 Ab. (im SW nach SE) und gegen Mitternacht (heftig, von SW nach SE und NE). 22 Ab. $8^h4^m–50^m$ (von W nach E). — **Säntis.** 30. Vm. früh teilweise Nebelmeer (600m). — Blitze Ab.: 27 (öfters, am NE–Horizont). 28 (SE–Horizont). 30 (S–Horizont). — Morgenrot: 1. 2 (schwach). 10. 13. 14. 18. 26. 27 (schwach). 30. 31. — Abendrot: 1. 2 (schwach). 12 (id.). 12. 14. 25. 26. 28 (schwach). 30. 31. — Neuschnee: 1. 1cm; 4. 2; 5. 2; 8. 1; 10. 5; 11. 4; 16. 7; 17. 5; 21. 2; 24. 14; 25. 2. — Mittlere Höhe der Schneedecke: 2. 218cm; 4. 212; 7. 198; 9. 226; 11. 234; 13. 240; 15. 208; 18. 215; 20. 190; 22. 175; 24. 195; 25. 196; 28. 158; 30. 114. — Mittlere Schneegrenze: 1. 1700m; 9. 1400; 25. 1600; 27. 1800; 30. 2000. — Cirri: 2. 10 Vm. früh. 13. 14. 26 Vm. 27 Vm. früh. 28 bis Nm. 29 Nm. 30. 31 Mitt. — Alpen sichtbar: 2 Nm. 13 id. 16 Mitt. 18 Vm. früh. 25 Ab. 26 bis Nm. 27 Vm. 28 id. 29 Nm. 30. 31 Vm. früh; je $9^1/_2{}^h$ Ab.: 9. 26. 27. 28. 31. — Alpen hell: 14. 28 Mitt.; je Vm.: 10. 13. 26 früh. 30 id. — Ebene sichtbar: 1 Vm. früh. 2. 13. 16 Mitt. 18 Vm. früh. 21 $10^1/_2{}^h$ Vm. 25 Ab. 26 bis Nm. 29 Nm. 30 id. 31 Vm. früh; je $9^1/_2{}^h$ Ab: 9. 26. 28. 31. — Ebene hell: 14. 27 $9^1/_2{}^h$ Ab. 28 bis Nm.; je Vm.: 10. 26 früh. 27. 30. — Ebene dunstig: 13 Vm. 14 bis Nm. 26 $10^1/_2{}^h$ Vm. — Alpen Nebel: 1. 12 Ab. $9^1/_2{}^h$ (leicht). 31 bis Nm.; je Vm.: 2. 3 früh. 4. 15 früh. 21 $10^1/_2{}^h$. — Ebene Nebel: 1. 2 Vm. früh. 3 id. 4 Vm. 12 Ab. $9^1/_2{}^h$ leicht). 15 Vm. früh. 31 bis Nm. — **St. Gotthard.** 9. Neuschnee: 6cm.

August.

Bern. 1. Abendrot 5. Ab. Blitze im SE und N. 19. id. im N. 23. Vm. früh Nebeldunst. 31. Vm. früh dichter Nebel am Bantiger. — Alpen sichtbar: 2 bis Nm. 17 Nm. 19 Vm. früh. 28 Ab. — Alpen hell: 5 Vm. früh. 11. 24 bis $1^1/_2{}^h$ Nm. — **Neuenburg.** 11. Nm. Alpen sichtbar. 12. Vm. früh Nebel am Chaumont. 13. Nm. u. 21. Ab. Joran. 17. Vm. früh Nebel am andern Seeufer. — Blitze Ab.: 2 (im SE). 5 (SW u. NW). 18 (S). 19 (E). — Donner: 4 Ab. $5^1/_2$–$6^1/_2{}^h$ (im NW). 18 Ab. $6^h\,10^m$–45^m (id.). 20 Vm. früh. 30 gegen 5^h Nm. (im SW). — Gewitter: 5/6 Mitternachts (von N nach NE). 24/25 Nachts 1^h (im NW). 29 Nm. 2–6^h (im N; gegen 6^h im S vorüberziehend). — **Altdorf.** 10. Schnee bis zu 1800^m herab. 18. Vm. früh Nebeldunst im S. 19. Nm. $5^1/_4{}^h$ Donner im NW; Nachts ringsum Blitze. — Gewitter: 5 Nm. (Donner). 13. Ab. (von W u. NW nach SE). 18 Ab. (v. W. n. S u. SE). 25 Vm. $3^h\,20^m$ (v. W.). — **Zürich.** 1. Starkes Abendrot $8^1/_2{}^h$. 2. u. 3. Abendrot. — Gewitter: 5 Ab. 9–$10^1/_2{}^h$ (im S vorüber: Blitze u. Donner). 10 Nm. $1^1/_2{}^h$ (im Zenith). 19 Nm. $1^h\,55^m$–$2^3/_4{}^h$ (im S nach E; Do.). — Donner: 6 Mitt. $12^h\,5^m$ (im SW). 10 $12^h\,27^m$ u. $3^h\,8^m$ Nm. 20 zwischen 4 u. $4^1/_2{}^h$ Vm. 24 Ab. $8^1/_2$, 9 u. 12^h Nachts. 29 Ab. 6^h (im N). 30 Nm. $2^3/_4{}^h$ (fern, im SW) u. $2^h\,55^m$–4^h (im SW u. SE). — Blitze: Ab.: 1 (im SSW). 15 (NW). 18 (E; u. Do.). 24 (fern, im NE–NW). 29 (N). — Alpen sichtbar: 2 Vm. früh. 11 Nm. (schwach). 20 Vm. 23 Nm. (Glärnisch.) 24 Vm. früh (schwach). 26 Ab. (südöstl.). 27. 28. 29 je Ab. (teilw. u. schwach). 30 Nm. (teilw. hell). — Cirri: 11 Nm. 17. 18. 19 Vm. 22. 26. 27. 28 Vm. u. Ab. 29. — Dunstig Vm.: 2 früh (See). 5 id. (Limmattal). 29 (stark, Tal u. See). — Tal u. See Nebel Vm.: 4 früh (leicht). 11. 12. 16 (leicht). 18. 19 früh. 22. 23 bis $9^1/_2{}^h$. — Hochnebel Vm.: 8 (schwach). 15. 21. 25. 31 früh (leicht). — **Rigi-Kulm.** 3. u. 18. je Vm. früh Nebelmeer. 16. Vm. früh Nebel im Tal. — **Bevers.** 2. Vm. früh dunstig im NE; Ab. ferne Blitze im S. 6. Mitt. Donner (l. Gewitter). 10. Vm. früh Nebel bis zu 1600^m herab. 30. Ab. 6–$9^1/_2{}^h$ mehrmals Do. (l. Gew.). 31. Bernina u. Tschierva angeschneit. — Neuschnee: 9 (bis zu 1960^m herab). 14 (2200^m). 15 (id.). — **Sitten.** 10. Neuschnee auf den Bergen. — **Lugano.** 2. Ab. Häufige, rötliche Blitze im E. 7. Ab. Blitze im S–SW–W. — N-Föhn: 13 $8^1/_2$–$10^1/_2{}^h$ Ab. 15 Vm. 10–$10^1/_2{}^h$ Ab. 21. Vm. 9–$8^1/_2{}^h$ Ab. — **Basel.** 16. Ab. 8^h intensives Purpurlicht. — Gewitter: 5/6 Nachts 12–1^h 20^m (von NW n. NE). 6 Vm. (im NW n. NE). 19 Vm. (v. W n. E) u. Ab. (im NW). 24 n. Mitt. (v. SW n. NE) u. Ab. (v. SE n. NE). 29 Ab. $5^h\,57^m$–$6^h\,23^m$ (v. NW n. NE), $9^h\,3^m$–ca. 10^h (i. S. n. SE) u. $10^h\,28^m$–$11^h\,57^m$ (v. S n. W). 30 Nm. $1^h\,43^m$–58^m (i. E n. NE). — Blitze Ab.: 5 (im SE). 24 (im S u. N). 29 $7^1/_2{}^h$ (N). 30 (S). — **Säntis.** 16. Mitt. $12^1/_2{}^h$ ferner Donner im NW. — Oefters Blitze Ab: 2 (am SSE-Horizont). 5 (am E–NW-Horizont). 18 (im NNE). 24 (im SE–E). 29 (ringsum). — Morgenrot: 1-4. 17. 18. 19. 23. 24. 27. 28 (schwach). 29. — Abendrot: 1-4. 11. 17. 22. 23. 25. 26. 27 (schwach). — Neuschnee: 7. 3^{cm}; 9. 6; 10. 7; 11. 3; 14. 2; 15. 7; 16. 3. — Mittlere Höhe der Schneedecke: 1. 95^{cm}; 3. 80; 5. 65; 8. 58; 10. 70; 13. 71; 15. 800; 18. 45; 20. 30; 22. 25; 24. 18; 27. 10; 29. 5. — Mittlere Schneegrenze: 18. 2100^m; 22. 2200; 24. 2300; 27. 2400; 31. 2500. — Cirri: 1 Mitt. 2 bis Nm. 5 Mitt. 18. 19 bis Nm. 26. 27. 29. 30 Mitt.; je Vm.: 3. 8 früh. 22. 24. 28; je Ab.: 4. 11. 17. 22. 25. 28. — Alpen sichtbar: 1 Mitt. 2 id. 3 Vm. u. $9^1/_2{}^h$ Ab. 4 $9^1/_2{}^h$ Ab. 5 id. 11. 12 Vm. früh. 16 id. 17 Nm. 18 id. 20 Vm. früh. 22 Vm. u. $9^1/_2{}^h$ Ab. 24 bis Nm. 26 (zeitweise). 29. 30 Vm. früh, Mitt. u. $9^1/_2{}^h$ Ab. 31 Vm. früh. — Alpen hell: 23 Nm. 25 Ab. 26 $9^1/_2{}^h$ Ab. 27. 28 Ab. 29 $9^1/_2{}^h$ Ab.; je Vm.: 1 früh. 4 id. 5. 18. 19. 28. 29 früh. — Alpen klar Vm.: 2. 3 früh. 17. 23. — Ebene sichtbar: 11. 17 Nm. 18 id. 22 Vm. 24 bis Nm.; je Vm. früh: 1. 12. 16. 20. 30; je $9^1/_2{}^h$ Ab.: 1. 5. 7. 22. 30. — Ebene hell: 2 bis Nm. 3 $9^1/_2{}^h$ Ab. 4. 23. 25 Ab. 26–29. 30 Mitt. (klar); je Vm.: 3. 5. 17. 18. 19. 31 früh. — Alpen dunstig: 18 $10^1/_2{}^h$ Vm. 24 Vm früh. 28 bis Nm. — Ebene dunstig: 17 $4^1/_2{}^h$ Nm. 23 id. 27 id. 28 bis Nm. 29 Mitt.; je Vm.: 3 $10^1/_2{}^h$. 4 früh. 18 $10^1/_2{}^h$. 22 id. 24. 31 früh. — Nebelmeer Vm. früh: 3 (700^m). 18 (id., teilweise). 19 (Bodensee). — Alpen Nebel: 1. 2 $4^1/_2{}^h$ Nm. 3 Mitt. 4. 7 $9^1/_2{}^h$ Ab. 16 bis Nm. 19 Mitt. 22 Vm. früh u. Nm. 30 Vm. früh. 31 Vm. (vorbeiziehend) u. $4^1/_2{}^h$ Nm. — Ebene Nebel: 1. 2 $4^1/_2{}^h$ Nm. 3 Mitt. 4 id. 16 bis Nm. 18 $4^1/_2{}^h$ Nm. 19 Mitt. 22 Vm. früh u. Nm. 31 Vm. u. $4^1/_2{}^h$ Nm.

September.

Bern. 4. Ab. $8^1/_2{}^h$ ferner Donner, später ringsum Blitze. 9. Ab. $8^h\,57^m$ Do. — Alpen sichtbar: 1 Mitt. 6 Vm. früh. 12 Nm. 13 Vm. früh. 16 Mitt. 20 Ab. 23 Mitt. — Alpen hell: 3. 11 Mitt. 20 Vm. früh. 24 Nm. 25 id. — Alpen klar Ab.: 3. 24. 25. — **Neuenburg.** 1 Ab. 6–7^h Gewitter von N nach S, später Blitze im S. 4. Seit $7^1/_2{}^h$ Ab. Donner im NW; 8–$8^3/_4{}^h$ sehr heftiges Gewitter im NE vorüberziehend. 9 Nm. $2^1/_2$–$4^3/_4{}^h$ Do. im NW u. SW. 10. Vm. $4^1/_2$ u. 7^h Gew. aus W. nach SE; Vm. früh Joran. 25. Vm. früh Nebel auf dem See u. am Chaumont. 29. Vm. früh Nebel am Chaumont. — **Altdorf.** 4. Ab. 6^h mehrmals Donner. 9. Vm. früh Nebeldunst; Ab. Gewitter von NW. 12. Vm. früh Hochnebel (600^m). 24. Vm. früh Cirri. — Föhn: 13 Nm. 14 id. 16. 29 seit Nm. 30. — Angeschneit: 11 (bis zu 1250^m herab). 16 (1500^m). 21 (1800^m). — Nebel an den Bergen Vm. früh: 16. 25. 27 (900^m, leicht). — **Genf.** 6.–9. u. 11. Horizont neblig. — **Zürich.** 2. Ab. Blitze im E. 4. id. im W. 25. Nm. Tal u. See Dunst. — Gewitter: 1 Ab. 7–$7^3/_4{}^h$ (im W. nach E), $8^1/_4{}^h$ (im W) u. $8^3/_4$–$9^h\,20^m$ (aus SW n. SE). 9 Ab. $8^h\,7^m$ bis $8^1/_2{}^h$ (fern, im W). 10 Vm. 3^h (schwach, in der Ferne), 4–$4^h\,27^m$ u. $4^1/_2$–$5^h\,2^m$ (im S vorbei). 14 Ab. $5^h\,25^m$ (im SSW) u. $5^3/_4$–$6^h\,5^m$ (mit heftigem W). — Donner: 1 Nm. $1^1/_2$–2^h (im NW). 4 Ab. $10^h\,20^m$–50^m. 5 Nm. $3^h\,46$m (im SE). — Alpen sichtbar: 2 Vm. (hell). 3 Nm. (schwach u. teilw.). 11 Nm. (Glärnisch). 14 Ab. 16 id. 18 Vm. früh (hell). 24 Nm. (teilw.), 30 Vm. — Cirri: 3. 4. 12 Ab. (im SE). 13 Vm. 14. 26 Ab. 29 id. 30 Vm.; je Nm.: 2. 6. 8. 9. 16. 19. 20. — Tal u. See Nebel Vm.: 1. 4 (leicht). 9. 13. 20. 23. — Hochnebel: 7. 8. 23. 25 Ab. 26. 27; je Vm.: 1 früh. 9. 11. 12. 16. 19. 22 früh. 24 (schwach). 25. 28. 29. 30 (leicht). — **Rigi-Kulm.** 24. Vm. früh Nebel bis zu 1600^m. 25. Vm. früh Nebelmeer. — Nebel im Tal: 1 Vm. früh. 7. 8. 13 je Mitt. — **Bevers.** 4/5. Nachts Donner (l. Gewitter). 5. Nm. 2–3^h mehrmals ferner Do. im W. 7. Ab. ferne Blitze im S. 15. Nm. $5^h\,10^m$ Do. 19. Vm. früh Nebel bis zu 1800^m herab. — Schneegrenze: 11. 2400^m; 15. 2230; 17. 2230; 18. 1900; 20. 2200; 21. 2220. — **Sitten.** 11. Intensives Abendrot. 12. Intensives Morgenrot. 16. Schnee auf den Berggipfeln. 23. Mitt. Cirri. — Dunst Vm. früh: 9. 16. 24. 25. 27 Mitt. 28. — **Lugano.** 4. Ab. Gewitter aus SW. 10. Seit $6^1/_2{}^h$ Ab. N-Föhn. 14. Mitt. Nebel in der Umgebung. 15. Mitt. Donner im SW. — **Basel.** 1. Ab. bis $8^1/_2{}^h$ Blitze im SE u. $9^1/_2{}^h$ im W. 4. Ab. $7^h\,43^m$ Donner. 12. Ab. $7^1/_4{}^h$ Purpurlicht. 20. Nm. 3^h Do. i. SW. 24. u. 27. $6^h\,25^m$ Abendrot. — Gewitter: 1 Mitt. $12^h\,55^m$–$2^h\,2^m$ (im S nach SE), Ab. $6^h\,50^m$–$8^h\,7^m$ (von SW n. SE) u. $7^h\,25^m$–54^m (v. W. n. N). 4 Ab. (v. W n. E). 9 Ab. (im NE). 14 Nm. (im SE n. E). — **Säntis.** 1. Ab. Gewitter im SW. 2/3. Nachts ringsum Gewitter. 8. Ab. Blitze am S-Horizont. 25. Vm. früh Alpen Reif. — Morgenrot: 1–4. 7. 8. 9. 11–14. 15 (schwach). 16. 19. 24–30. — Abendrot: 3 (schwach). 7. 8. 9 (schwach). 11–14. 19 (leicht). 22. 25. 26. 28 (intensiv). 29. 30. — Neuschnee: 11. 13^{cm}; 16. 12; 18. 2; 19. 2; 20. 8; 21. 9; 22. 2. — Mittlere Höhe der Schneedecke: 11. 13^{cm}; 12. 10; 13. 5; 16. 12; 18. 2; 19. 12; 21. 28; 24. 25; 26. 22; 29. 17; 30. 12. — Mittlere Schneegrenze: 11. 1800^m; 12. 2100; 15. 2500; 16. 1900; 29. 2100. — Cirri: 1 Vm. früh. 2 Vm. 3 Nm. 4. 6 Ab. 7. 8. 9. 11 Ab. 12. 13. 14. 16. 18 Vm. früh. 20 $10^1/_2{}^h$ Vm. 22 $4^1/_2{}^h$ Nm. 24–27 Nm. 29 Vm. früh u. Ab. 30. — Alpen sichtbar: 2 $4^1/_2{}^h$ Nm. 3. 6 $9^1/_2{}^h$ Ab. 7. 8 Nm. 13. 17 Ab. 19 Vm. früh. 22 $9^1/_2{}^h$ Ab. 24 id. 28 Nm. 30 id. — Alpen hell: 1 $9^1/_2{}^h$ Ab. 3 id. 4. 9 bis Nm. 12 Nm. 14. 16. 25 Nm. 26 id. 27. 29. 30 $4^1/_2{}^h$ Ab.; je Vm.: 1. 2. 7 früh. 8. 11 früh. 13 id. 18. 28. 30. — Alpen klar: 11 Nm. 24; je Vm.: 12. 25. 26. 27 früh. — Ebene sichtbar: 8 bis Nm. 13 Nm. 14. 19 Vm. früh. 20 Vm. $10^1/_2{}^h$ (teilweise). 22 $9^1/_2{}^h$ Ab. 24 Ab. 25 id. 26 $9^1/_2{}^h$ Ab. 28. 30 Nm. — Ebene hell: 1 $9^1/_2{}^h$ Ab. 3. 4. 9 bis Nm. 11 Nm. 12 id. 14 $4^1/_2{}^h$ Nm. 16. 17 $9^1/_2{}^h$ Ab. 24 bis Nm. 29; je Vm.: 1. 2. 7 früh. 11 id. 13. 14 $10^1/_2{}^h$. 18. — Ebene klar: 12 Vm. 24 Vm. früh. 25 bis Nm. 30 Vm. — Ebene dunstig: 4 (u. Alpen). 11 Vm. früh. 24 Nm. — Alpen Nebel: 2 Mitt. 6 Ab. 9 id. 20 (zeitweise). 22 Ab. 28 $4^1/_2{}^h$ Nm. — Ebene Nebel: 2 Nm. (vorbeiziehende). 6 Nm. 20 (zeitweise); je Ab.: 7 $9^1/_2{}^h$. 9. 13. 14 $9^1/_2{}^h$. 17. 22. 27 $9^1/_2{}^h$. — Nebelmeer: 1 Vm. früh (Bodensee). 3 id. 7 (Vm. 11–1300, Nm. 1700^m). 8 (teilw., 14–1600^m). 9 Vm. (früh tief, $10^1/_2{}^h$ teilw., 700^m). 11 Ab. (teilw., 1300^m). 12 Vm. (700–1100^m). 13 Vm. früh (Bodensee). 16 Vm. (teilw., 700^m). 18 Vm. (teilw., 1500^m). 19 Vm. früh (teilw., 1300^m). 24 Vm. (teilw., 7–800^m). 25 Vm. (700^m). 26 (11–1600^m). 27 (13–1500^m). 28 Vm. früh (1000^m). 29 bis Nm. 6–700^m). 30 Vm. (700^m). — **St. Gotthard.** Neuschnee: 17. 10^{cm}; 18. 20; 21. 2; 29. 1; 30. 1.

Oktober.

Bern. 28. Morgenrot. — Alpen sichtbar: 3 Ab. 4 Vm. früh u. Ab. 22 Nm. — Alpen hell: 11 Mitt. 19 id. 26 Ab. 27; je Nm.: 6. 7. 10. 12. 20. 21 (klar). 25 (id.). 29. 31. — **Neuenburg.** 12 Nm. Alpen sichtbar; Ab. Joran. 13 Alpen sichtbar (dunstig verschleiert). 17 Mitt. Nebel am Chaumont. 28 u. 29 je Ab. Blitze im S. — **Altdorf.** 1. Hochneblig bis Nm. 9. Angeschneit bis zu 1300^m herab. 10 Vm. früh neblig an den Bergen. 14 Ab. Nebelschleier. 19 Vm. früh Nebel im Talboden. — Föhn: 7. 21. 22. 23. 26. 27 seit Mitt. 28. 29. — **Zürich.** 29 Ab. Blitze im S. Alpen sichtbar: 3 Vm. u. Ab. (teilw.). 6 Nm. (teilw.). 7 (id.). 8 Vm. (teil- u. zeitw.). 9 Vm. früh. 18 Ab. (schwach). 22 Vm. früh (teilw.). 27 Vm. früh. 28 id. 29 (Nm. teilw.). 31 Nm. (schwach). — Alpen hell: 6 Vm. 7 gegen Mitt. 31 Vm. früh (klar). — Cirri: 6 Vm. 11 Ab. 16 Vm. 29 id. 31 id.; je Nm.: 1. 2. 7. 14. 23. 24. 26. 27. — Hochnebel: 1. 9 Ab. 11. 17. 21 Mitt.; je Vm.: 14. 15. 18. 23 (leicht). — Tal und See Nebel Vm.: 2. 4. 7 bis $10^1/_4{}^h$. 8. 10. 13. 15. 22 früh. 25. 26. 27 (leicht). 28 früh. — **Rigi-Kulm.** Nebelmeer: 1 Mitt. 14 Vm. früh. 16. 17. 18 Vm. 28 Vm. früh. 31 id. — Teilw. Nebel im Tal: 16 Vm. früh. 18 Mitt. 19. 20 Vm. früh. 21 bis Nm. 23 id. 25. 26. 27. 30 je Vm. früh. — **Bevers.** 5 Mitt. neblig an den Bergen. 9 Vm. Schneehöhe: 2^{cm}. 29 Schnee auf den Bergen bis ca. 2400^m zurück. — Angeschneit: 5 (bis zu 2200^m herab).

7 (2300m). **30** (1800m). — **Sitten.** **7** Mitt. u. **8** Ab. Cirri. **28** Morgenrot. — Angeschneit: **6** (bis zu 2050m herab). **23** (2000m). **30** (id.). — Dunst Vm. früh: **13** (fern). **14** (id). **15. 16 17.** — **Lugano.** **4** Nm. Nebel über der Stadt u. an den umliegenden Bergen. **14** Vm. früh frischer SE. **27** Ab. schwacher Nebel über der Stadt. — **Basel.** **3** Nm. $2^h 40^m$ Donner im SW. **17** Abendrot 6^h. **28** id. $5^1/_4{}^h$. — Purpurlicht Ab.: **11. 12** $6^h 5^m$. **18** $6^1/_2{}^h$. — **Säntis.** **2** Ab. öfters Blitze im NW. **3** id. am NE-Horizont. **15** u. **21** je Vm. früh Ebene Reif. **16** u. **31** je Vm. früh Alpen Reif. **25** Alpen dunstig. — Morgenrot: **1. 2. 3. 7** (schwach). **8** (id.). **10. 11. 14–23. 25–30.** — Abendrot: **1. 2. 3. 7** (leicht). **10. 11. 14. 15** (schwach). **16–21. 23** (leicht). **24. 25. 27. 28. 29. 31.** — Mittlere Höhe der Schneedecke: **2.** 5cm; **5.** 1 (Neuschnee); **6.** 15 (id.); **7.** 1 (id.); **8.** 15; **9.** 12 (Neuschnee); **10.** 22; **12.** 1 (Neuschnee); **14.** 15; **17.** 8; **19.** 3; **31.** 1. — Mittlere Schneegrenze: **2.** 2300m; **6.** 2000. — Cirri: **1–4** Vm. früh. **7** Vm. früh u. Nm. **8** Vm. früh. **10** $9^1/_2{}^h$ Ab. **11** bis Nm. **12** Ab. **13** id. **14. 15** bis Nm. **16–19. 21. 22. 23. 24** Ab. **25** bis Nm. **26** Vm. **27–30** Vm. **31.** — Alpen sichtbar: **3. 6** Nm. **7** id. **8. 30** bis $1^1/_2{}^h$ Nm. **31**; je Ab.: **1. 2. 10** $9^1/_2{}^h$. **22. 24** $4^1/_2{}^h$. **28. 30** $9^1/_2{}^h$. — Alpen hell: **1** bis Nm. **2** id. **3** Vm, früh u. $4^1/_2{}^h$ Nm. **4. 6** Vm. u. $4^1/_2{}^h$ Nm. **7** Vm. **8** Vm. früh u. Mitt. **20** Ab. **21** id. **22** bis Nm. **23. 25–29. 31** $4^1/_2{}^h$ Nm. — Alpen klar: **10. 11. 14–20** Nm. **21** bis Nm. — Ebene sichtbar: **1** Nm. **2. 3** Nm. **10. 14** Nm. **18. 20. 22** je Ab. **23** Nm. **24** $4^1/_2{}^h$ Ab. **30** Vm. früh. **31.** — Alpen hell: **2** $10^1/_2{}^h$ Vm. **3** Vm. **4** bis Nm. **6. 7** Nm. **8** bis Nm. **15. 16** bis Nm. **19** Nm. **21** Ab. **22** bis Nm. **23** Vm. **25** Nm. **26. 27. 31** $9^1/_2{}^h$ Ab. — Ebene klar: **11. 18** bis Nm. **20** id. **21** id. **28. 29**; je Vm.: **1. 6** $10^1/_2{}^h$. **7. 19. 25. 31** $10^1/_2{}^h$. — **Säntis.** Ebene dunstig: **2** Mitt. **3** $4^1/_2{}^h$ Nm. **14** id. **18** Nm. **20** Ab. **23** Nm. **25** id. **31** $4^1/_2{}^h$ Ab. — Ebene Nebel: **1** Nm. (teilw.). **3** Mitt. **6** id. **8** Ab. **12** Nm. $4^1/_2{}^h$ (u. Alpen). **13** id. **14** Mitts (teilw.). **15** Vm. u. $4^1/_2{}^h$ Nm. (teilw.). **21** Ab. $9^1/_2{}^h$ (tief). **22** Vm. (tief u. teilw.). **30** Mitt. u. $9^1/_2{}^h$ Ab. **31** Vm. früh. — Nebelmeer: **1** Vm. (6 bi, 700m). **4** id. (Bodensee). **7** id. (teilw. u. tief). **10** (Vm. früh teilw., 2000m; Nm. 1900m). **11** bis Nm. (7–800m). **14** Vm. (13–1500m). **16** (Vm. teilw., 12–1600m; Nm. 16–2000m). **17** (1000–1500m; Vm. teilw.). **18** Vm. (700m). **19** (Vm. 1600m, Nm. tief). **20** (Vm. 6–700m, Mitt. tief). **21** (600m). **23** Vm. (teilw., 800–1000m). **25** (Vm. früh 600m; bis Nm. Bodensee). **26** Vm. (früh 600m, später Bodensee). **28** Vm. früh (teilw. u. tief). **30** Vm. (teilw., 1900m). **31** Vm. $10^1/_2{}^h$ (tief). — **St. Gotthard.** Neuschnee: **6.** 2cm; **9.** 5; **16.** 2; **22.** 1; **23.** 13; **24.** 1; **30.** 11; **31.** 4.

November.

Bern. **10** u. **29** je Ab. Alpenglühen. **12** Nachts $11^1/_2{}^h$ Donner (l. Gew.). — Alpen sichtbar: **5** Nm. **7** Vm. früh. **12** Mitt. **14** Vm. früh **18** Nm. **19** Mitt. — Alpen hell: **3. 4** bis Nm. **6** Nm. **8. 9** Nm. **14. 22** Nm. — Alpen klar: **1** bis Nm. **8** Vm. früh; je Ab.: **2. 10. 18. 29.** — **Neuenburg.** **11** Ab. $9^1/_2{}^h$ Gewitter im NW. **12** Ab. $11^1/_2{}^h$ id. im SW. **25.** Chaumont angeschneit. — Alpen sichtbar: **2** Ab. **9. 10** Nm. — Nebel am Chaumont: **13** Mitt. **24** id. **30** bis Nm. — **Altdorf.** **2** Mitt. Cirri. **7.** u. **8.** Schnee auf den Bergen. **22** Ab. Nebel an den Bergen. — Föhn: **1** Nm. (leicht). **10/11** Nachts. **11.** — Angeschneit: **7** (bis zu 900m herab). **16** (id.). **25** (800m). **28** (id.). — **Genf.** **6.** Erster Schnee auf dem Jura u. Môle. **21.** Vm. früh erste Eisbildung. — **Zürich.** **7** Schneegrenze: 900m. **10** u. **22** je Nm. Tal u. See dunstig. **11** Vm. wogender Nebel. **15.** Schneegrenze: 14–1500m. — Intensives Abendrot: **10** $5–5^1/_2{}^h$. **18** $4^h 55^m–5^h 35^m$. **19** $5–5^h 35^m$. **20** $5–5^h 22^m$. **30.** — Alpen sichtbar: **5** Vm. (teilw.). **14** (id.). **15** Vm. (id.). **27** Vm. früh); je Nm.: **4** (teilw.). **5** seit $3^1/_2{}^h$. **6** (teilw.). **8. 20. 22** (teilw.). — Alpen hell: **7** Vm. (teilw.); je Nm.: **6** seit $4^1/_2{}^h$. **11** $3^1/_4$ bis 4^h. **18. 30.** — Alpen klar: **2** Nm. **3** Vm. **9** Nm. **10** Vm. früh. **11** Vm. $8^3/_4{}^h$ (südwestl.). — Cirri: **3. 8. 10** Nm. **14** Vm. **21** Mitt. **22.** — Tal u. See Nebel: **11. 12. 21** Nm.; je Vm.: **4** (schwach). **10. 18. 20. 22. 29.** — Hochnebel: **20** Vm. **21** Nm. **23. 24** Vm. **26. 29** Vm. u. Ab. **30** Vm. — **Rigi-Kulm.** Schneehöhe: **7.** 5cm; **14.** 10; **28.** 30. — Nebelmeer: **12** Mitt. **20** bis Nm. (teilw.). **21** Vm. früh u. Ab. (teilw.). **23** bis Nm. **29** Mitt. **30** bis Nm. — Tal neblig: **1** bis Nm. (im W). **2** Mitt. **11** bis Nm. **12** id. **22** Vm. früh. **30** Ab. — **Bevers.** **5.** Neuschnee bis zu 2200m. **12.** Schneefrei. **14** id. bis zu 2800m. **28/29** Nachts N 5. — Neuschnee: **6.** 1cm; **7.** 5; **8.** 7; **16.** 1; **17.** 22; **18.** 10; **24.** 3; **25.** 7; **27.** 2; **29.** 13. — Totale Schneehöhe: **24.** 12cm; **25.** 19; **27.** id.; **29.** id. — **Sitten.** **10** Mitt. Cirri. — Dunstig Mitt.: **3. 4. 27.** — Angeschneit: **6** (bis zu 1500m herab). **7** (980m). **8** (1050m). **13** (1325m). **14** (1220m). **24** (Vm. früh 1255 u. Ab. 1200m). **25** (1170m). — **Lugano.** Angeschneit: **6** (Berge des Val Colla u. Capriasca). **13** (umliegende Berge). **24** (id. bis zu 1000m herab). — N-Föhn: **16** Ab. **25** Vm. $11^1/_2–3^1/_2{}^h$ Nm. **27** $3–5^h$ Nm. **29** bis Nm. — Hochnebel: **11. 12. 22** Nm. (schwach). **23** (leicht). **24** Vm. früh. — Hochnebel: **11. 12. 22** Nm. (leicht). **23** (id.). **24** Vm. früh. — **Basel.** Morgenrot: **18** 8^h. **20** $7^1/_2–8^h$. — Abendrot: **9** 5^h. **17** $5^1/_4{}^h$. **19** $5^1/_2{}^h$. — Purpurlicht Ab.: **20** $5–5^1/_2{}^h$ (intensiv). **21** $7^1/_2{}^h$ Vm. **29** $5^3/_4–6^h$ (stark). **30** $5–5^3/_4{}^h$. — **Säntis.** **4** u. **5.** je $4^1/_2{}^h$ Ab. Ebene dunstig. **20.** Vm. früh Ebene Reif. — Morgenrot: **1. 3. 10. 11. 12** (schwach). **20–24. 26. 30.** — Abendrot: **1. 2. 4. 5. 8. 9. 10. 11** (schwach). **18. 20. 21. 22. 26. 29. 30.** — Neuschnee: **2.** 2cm; **5.** 2; **6.** 17; **7.** 12; **8.** 13; **9.** 8; **10.** 3; **13.** 9; **14.** 13; **15.** 11; **16.** 16; **17.** 38; **18.** 10; **19.** 1; **20.** 12; **25.** 11; **26.** 2; **27.** 1; **28.** 34; **29.** 5. — Mittlere Höhe der Schneedecke: **7.** 30cm; **9.** 48; **11.** 49; **14.** 67; **17.** 122; **21.** 140; **23.** 135; **25.** 143; **28.** 175; **30.** 178. — Mittlere Schneegrenze: **6.** 1300m; **10.** 1400; **18.** 1300; **23.** 800; **30.** 1000. — Cirri: **1. 2** Nm. **3. 4** Vm. früh u. Nm. **5** Ab. **7** Mitt. **8** Ab. **10** Vm. früh u. Ab. **11** Nm. **12. 14** Mitt. **18** Nm. **20–24** Vm. **26. 29.** — Alpen sichtbar: **1** $9^1/_2{}^h$ Ab. **2** Nm. **4** Vm. früh. **20** $9^1/_2{}^h$ Ab. **21** id. **29** Nm. — Alpen hell: **4** Nm. **5** Ab. **7** gegen Mitt. **8** Ab. **10. 11. 12. 18** Nm. **22. 23. 26.** — Alpen klar: **1. 2** $4^1/_2{}^h$ Nm. **3** bis Nm. **20. 21. 24** Vm. **26** $4^1/_2{}^h$ Nm. **30** bis Nm. — Ebene sichtbar: **5** Ab. **14** Mitt. **18** Nm. **26** $9^1/_2{}^h$ Ab. **29** Ab. **30.** $9^1/_2{}^h$ Ab. — Ebene hell: **1** Nm. **2** id. **3** bis Nm. **4** Nm. **7** gegen Mitt. **8** Ab. **10. 11. 12. 22. 23.** — Ebene klar: **1** Vm. **10** Vm. früh. **20. 21. 30** bis Nm. — Nebelmeer: **1** (Vm. 500m, $10^1/_2{}^h$ Bodensee). **11** Vm. früh (teilw., 600m). **20** (6–700m). **21** (600m). **22** (Vm. 600m, Mitt. tief). **23** (600–1400m). **24** Vm. (2000–2400m). **26** (teilw., 1600m). **29** Nm. (16–1800m). **30** Vm. (700m). — Alpen Nebel: **3** $4^1/_2{}^h$ Nm. **4** $9^1/_2{}^h$ Ab. **14** Nm. **18** Nm. (ziehende). **29** Ab. (id.). **30** Ab. $9^1/_2{}^h$ (schwach). — Ebene Nebel: **1** Mitt. (tief). **3** (teilw., Vm. früh tief). **4** Vm. früh. **10** id. (tief). **11** bis Nm. (teilw. u. tief). **14** Ab. **18** Nm. (teilw.). **29** Vm. — **St. Gotthard.** Neuschnee: **6.** 8.5cm; **7.** 7; **8.** 10; **11.** 3; **12.** 16; **13.** 10; **14.** 12; **15.** 2; **16.** 6; **17.** 32; **18.** 7; **23.** 2; **24.** 17; **26.** 7; **28.** 25; **29.** 12. — Totale Schneehöhe: **7.** 13cm; **14.** 35; **21.** 48; **28.** 92.

Dezember.

Bern. **27.** Morgenrot. **30.** Neuschnee: 3cm. — Alpen hell: **2** Nm. **4** Mitt. **8** Vm. früh (tagsüber sichtbar). **9. 14** Ab. **24** Nm. — Alpen klar: **1** Nm. **24** Ab. **26** Nm. **27. 28** Vm. früh. — **Neuenburg.** **24** Ab. st. Joran. **28** Nm. orkanartiger SW. — Alpen sichtbar: **4** Vm. früh. **8. 9. 26** Ab. **27** bis Nm. **28** Vm. früh. — Nebel am Chaumont: **20** Vm. früh. **21** bis Nm. **22** id. — **Altdorf.** **4.** u. **8.** Föhn. **5.** Schnee bis zu 600m herab. — Neuschnee: **6.** 8cm; **18.** 3; **25.** 2; **30.** 11. — **Genf.** Neuschnee: **29.** 1cm; **30.** 3. — **Zürich.** **1.** u. **16.** je Nm. Tal u. See dunstig. **6.** u. **27.** je Nm. schneefrei. **28.** Ab. $4^1/_2–6^h$ SW-Sturm (Maximum: $25^1/_2{}^m$ per Sekunde um $5^h 20^m$). — Abendrot: **1** $4^h 55^m–5^h 35^m$ (intensiv). **2** $4^h 55^m–5^1/_2{}^h$. **3** $4^h 50^m–5^h 20^m$ (intensiv). **8** $4^3/_4{}^h–5^h 25^m$ (id.). **9** $4^h 35^m–5^1/_2{}^h$. **16** $4^h 55^m–5^h 50^m$ (stark). — Alpen sichtbar: **2** Nm. (schwach). **8** Nm. **9** seit 10^h Vm. (teilw.). **16** Nm. — Alpen hell: **1** Nm. **5. 8. 9. 16** je Ab. **28.** — Alpen klar: **3** seit 4^h Nm. **4** bis 3^h Nm. **24. 26. 27.** — Cirri: **1** Nm. **3** Mitt. **4** Vm. **8** Ab. **9** Nm. **16. 23** Nm. **24** Vm. **29.** — Hochnebel: **9** Vm. **11. 12** Vm. **13. 19. 20** Vm. **21. 22. 23** Vm. — Tal u. See neblig: **2** Nm. **3** id. **8** Vm. **29** id. — Tal u. See Nebel: **2** Vm. **3** Mitt.; Ab. (dicht, wogender). **4** bis 9^h Vm. (wogend). **9** Vm. **16** id. **22. 23. 24** Vm. — Boden teilweise schneebedeckt: **6** Mitt. **18** Vm. früh. **26. 27** Vm. früh. **30** id. — Schneegrenze: **5.** ca. 700m; **8.** 700; **19.** 1600; **24.** 650; **29.** ca. 600. — Neuschnee: **6.** 4.5cm; **25.** 2; **31.** 5.5. — **Rigi-Kulm.** Totale Schneehöhe: **5.** 20cm; **12.** 30; **19.** 50; **26.** 70. — Nebelmeer: **1** (teilw.). **2** Vm. (id.). **3** bis Nm. (id.). **4** Vm. früh. **12.** Mitt. **19** Nm. **20–23** Nm. **24** Vm. — Tal neblig: **2** Mitt. **8** bis Nm. **9** Mitt. **16** bis Nm. **24** Mitt. — **Bevers.** Neuschnee: **5.** 5cm; **6.** 10; **7.** 4; **11.** 5; **16.** 2; **19.** 0.5; **29.** 6. — Totale Schneehöhe: **5.** 20cm; **7.** 35; **11.** 26; **16.** 30; **29.** 30. — **Sitten.** **6.** Neuschnee: 12cm. — Dunst: **3** Vm. **9** 10^h Vm.; je Mitt.: **1. 2. 8. 10. 16. 21. 31.** — **Lugano.** **29.** Schnee auf den umliegenden Bergen. — N-Föhn: **5** Vm. $5^1/_2–11^1/_2{}^h$ Nm. **10** seit Ab. **11** bis $6^1/_2{}^h$ Ab. **14** Vm. $4^1/_2–6^1/_2{}^h$ Ab. **15** bis $5^1/_2{}^h$ Nm. **25** bis $9^1/_2{}^h$ Ab. **29** seit $8^1/_2{}^h$ Vm. **30** bis $9^1/_2{}^h$ Ab. — **Basel.** **1.** Morgenrot. **4.** id. $7^1/_4–8^1/_2{}^h$. **24.** Ab. Neuschnee: 0.3cm. — Cirri: **1** Ab. **4** Vm. früh. **9** Ab. — Abendrot: **1** $4^3/_4–6^h$. **2** $4^h 40^m$ u. $5^h 13^m$. **9** $4^3/_4$ u. 5^h. **15** 5^h. **23** $5–5^1/_2{}^h$. — Purpurlicht je Ab.: **8** $5–5^1/_2{}^h$. **20** 5^h. **21** $5–5^1/_2{}^h$. **22** 5^h. — **Säntis.** Morgenrot: **1. 3. 4. 8. 12. 19–24. 27.** — Abendrot: **1. 2. 3. 8. 9. 12. 14** (schwach). **16. 19–23. 26. 27.** — Neuschnee: **5.** 5cm; **6.** 10; **7.** 24; **8.** 2; **10.** 6; **11.** 27; **12.** 5; **14.** 20; **15.** 14; **16.** 5; **17.** 2; **18.** 24; **19.** 2; **25.** 9; **26.** 6; **27.** 2; **29.** 3; **31.** 6. — Mittlere Höhe der Schneedecke: **3.** 170cm; **5.** 173; **8.** 195; **10.** 198; **12.** 228; **14.** 242; **16.** 245; **19.** 265; **22.** 258; **24.** 252; **26.** 264; **28.** 265; **31.** 274. — Mittlere Schneegrenze: **2.** 1100m; **8.** 500; **14.** 700; **28.** 700. — Cirri: **1. 2** Ab. **3. 4** bis Nm. **8. 9** Mitt. **12. 14** $10^1/_2{}^h$ Vm. **16** Nm. **19** Vm. **20** id. **21–24** Nm. **26** Nm. **27. 28** $10^1/_2{}^h$ Vm. **31.** — Alpen sichtbar: **9** Nm. **24** Mitt. **28** Nm. **31** Vm.; je $9^1/_2{}^h$ Ab.: **3. 20–23. 27.** — Alpen hell: **2** Nm. **4** bis Nm. **8** id. **19. 28** Vm. — Alpen klar: **1. 3. 4** Vm. früh. **8** Ab. **12. 14** Nm. **16** id. **19** Vm. früh. **20–24** Vm. **26** Ab. **27.** — Ebene sichtbar: **9** Mitt. **19–22** je $9^1/_2{}^h$ Ab. **24** Mitt. **26** bis Nm. — Ebene hell: **2** Nm. **4** bis Nm. **8** id. **14** Nm. **16** id. **23** Ab. **26** id. **28.** — Ebene klar: **1. 3. 8** Ab. **21** bis Nm. **22. 23** bis Nm. **24** Vm. **27.** — Alpen Nebel: **9** $9^1/_2{}^h$ Ab. **11** id. **14** $10^1/_2{}^h$ Vm. **16** Mitt. **26** bis Nm. **31** Vm. früh. — Ebene Nebel: **9** Nm. **11** $9^1/_2{}^h$ Ab. **12** id. **14** $10^1/_2{}^h$ Vm. **16** Mitt. **24** id. (ziehende). **31** Vm. — Nebelmeer: **1** (Vm. früh 600m, Vm. tief, Mitt. teilw., Bodensee). **3** (Vm. 500m, Nm. tief). **4** Vm. früh (Rheintal). **12** (1800–2000m). **19** (14–1500m). **20** 800 bis 1000m). **21** (6–800m). **22** (6–700m). **23** (600m). **24** Vm. früh (Bodensee u. Rheintal). — **St. Gotthard.** Neuschnee: **5.** 10cm; **6.** 27; **7.** 35; **8.** 15; **11.** 25; **12.** 11; **14.** 12; **15.** 12; **16.** 13; **19.** 3; **20.** 3; **25.** 8; **26.** 9; **29.** 35; **30.** 19. — Totale Schneehöhe: **5.** 93cm; **12.** 120; **19.** 135; **30.** 150.

Monats- und Jahresübersichten

sämtlicher schweiz. meteorologischen Stationen.

In die hier folgenden Uebersichten werden die Beobachtungsresultate aller schweizerischen Stationen, soweit es die Zuverlässigkeit und Vollständigkeit derselben gestattet, aufgenommen.

Das Schema ist dem vom ersten internationalen Meteorologenkongress aufgestellten möglichst angepasst.

Zu beachten ist:

1. Die Minima und Maxima bei Luftdruck, Temperatur und die Minima bei der relativen Feuchtigkeit sind stets den üblichen Terminbeobachtungen entnommen (7^{30} 1^{30} 9^{30}, resp. 7^{30} 1^{30} 8^{30}; bei Genf 7^{35} 1^{35} 9^{35}).
2. Die Monatsmittel der Temperatur werden aus den 3 Terminbeobachtungen in der Weise abgeleitet, dass der Abendbeobachtung (9^{30}) das doppelte Gewicht beigelegt ist [$m = 1/4\ (7^{30} + 1^{30} + 2 \cdot 9^{30})$]. Bei den wenigen Stationen, die eine andere Kombination der Beobachtungsstunden haben, wird die entsprechende Reduktion nach den stündlichen Werten von Bern u. Säntis angebracht.
3. Zu den Tagen mit Niederschlag werden alle gezählt, an denen derselbe den Betrag von wenigstens 0.3^{mm} erreicht, sei dies nun Regen oder Schnee, oder beides zugleich.
   Eine zweite Rubrik enthält die Zahl der Tage mit Niederschlagsmengen von mindestens 1.0^{mm}.
4. Tage mit mehreren Gewittern werden nur einfach gezählt.
5. Als heitere Tage werden solche bezeichnet, deren mittlere Bewölkung < 2.
   » trübe » » » » » » » > 8.
6. Bei der Uebersicht der Windverteilung wird nur die Häufigkeit der verschiedenen Windrichtungen mit Intensität > 0 berücksichtigt.
7. λ bezeichnet die geographische Länge in Graden von Greenwich, β die geographische Breite, H_b die Höhe des Stationsbarometers über dem Meer in Metern, H die Höhe der Station (des Regenmessers) über der Meeresfläche, G ist die Korrektion, welche an den Luftdruckdaten für deren Reduktion auf die Normalschwere (45° Breite und das Meeresniveau) noch anzubringen ist, h_r die Höhe des oberen Randes des Regenmessers über dem Erdboden. Die Stationen, bei denen die Höhe (der Barometercüvette) bis auf den Dezimeter angegeben ist, sind an das schweizerische Präzisionsnivellement angeschlossen. Alle Höhen sind auf Pierre du Niton 373.6^{m} bezogen.

Zürich.

$\lambda = 8°33'$, $\beta = 47°23'$, $H_b = 493.2^m$, $G = 0.08\ ^{m}/_{m}$, $h_r = 1.4^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel*	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	719.2	707.9	21	727.9	6	0.0	2.4	0.5	0.9	−4.6	6	8.1	24	91	82	87	87	50	21
Februar	723.3	713.1	2	733.8	9	−2.1	4.9	0.7	1.0	−7.8	19	11.3	6	85	60	74	73	34	25
März	720.8	709.0	17	733.6	9	3.4	11.7	6.4	7.0	−4.8	2	22.0	30.31	86	52	75	71	18	30
April	715.9	703.7	12	723.3	2	5.6	12.2	7.5	8.2	−4.2	14	24.3	30	82	57	74	71	33	16
Mai	718.1	708.2	4	726.5	24	10.1	17.5	11.4	12.6	4.3	8	28.8	30	82	54	77	71	37	21.29
Juni	722.2	715.8	1	727.4	28	13.3	19.4	14.5	15.4	8.2	28	28.2	17	79	57	77	71	33	8
Juli	719.2	713.8	6	724.3	18	12.7	18.7	13.9	14.8	10.0	8	27.4	14	85	59	82	75	37	1. 2
August	720.2	715.0	6	725.9	26	13.2	20.8	14.9	16.0	9.0	17	27.1	24	90	55	85	77	37	2. 22
September	719.3	709.5	14	724.2	21.22	11.1	17.1	12.2	13.1	6.8	12	26.3	3	95	64	92	84	47	$^{3.19}_{20}$
Oktober	719.6	709.6	29	729.0	13	7.5	14.2	9.1	10.0	2.6	15	20.4	27	97	67	93	86	47	13
November	721.3	708.2	13	730.7	19	6.1	9.4	6.6	7.2	1.0	22	16.2	3	90	76	89	85	48	14
Dezember	721.5	702.0	28	732.2	21	0.3	3.4	0.9	1.4	−5.6	31	10.2	4	86	71	85	81	31	27
Jahr	720.0	702.0	XII	733.8	II	6.8	12.6	8.2	9.0	−7.8	II	28.8	V	87	63	83	78	18	III

Rigi-Kulm.

$\lambda = 8°30'$, $\beta = 47°3'$, $H_b = 1787.3^m$, $G = -0.11\ ^{m}/_{m}$, $h_r = 1.8^m$

Januar	612.4	602.6	21	620.5	6	−2.8	−1.6	−2.7	−2.4	−9.2	22	5.2	1	82	76	76	78	30	1
Februar	615.3	605.7	17	624.9	9	−4.6	−2.8	−4.2	−4.0	−11.8	17	4.6	11	64	64	69	66	15	9
März	614.9	603.9	18	623.3	10	−0.8	2.0	0.0	0.3	−10.4	1	8.7	30	69	66	72	69	22	30
April	610.4	598.6	12	618.0	29	−1.1	1.4	−1.0	−0.4	−14.0	13	11.4	30	87	81	88	85	43	4
Mai	614.1	602.7	5	623.0	26	3.6	6.5	3.5	4.3	−4.8	5	15.6	31	79	77	83	80	44	16
Juni	618.7	614.0	25	621.6	15	6.8	8.3	7.0	7.3	1.0	28	17.0	3	81	81	88	83	38	2
Juli	616.1	610.3	11	620.5	27	6.4	8.2	6.1	6.7	−0.4	8	15.8	14	82	83	93	86	45	14
August	617.7	612.2	6	623.0	26	8.5	10.2	8.7	9.0	3.0	9. 10	18.2	29	76	76	82	78	30	27
September	616.1	607.1	17	620.1	8	6.6	8.9	6.3	7.0	1.0	21	16.0	4	73	66	79	73	30	24
Oktober	615.8	608.4	29	621.9	12. 13	5.5	8.1	5.7	6.3	−0.2	13	14.4	25	59	57	62	59	7	15
November	615.8	604.3	13	623.2	30	0.6	2.1	1.0	1.2	−5.2	25.26	9.0	1	82	77	83	81	15	20
Dezember	613.9	596.8	29	623.1	21	−4.5	−3.4	−4.7	−4.3	−15.0	31	7.2	3	79	79	84	81	13	3
Jahr	615.1	596.8	XII	624.9	II	2.0	4.0	2.1	2.5	−15.0	XII	18.2	VIII	76	74	80	77	7	X

Pilatus-Kulm.

Abendbeobachtung: 8^{30}

$\lambda = 8°16'$, $\beta = 46°59'$, $H_b = 2068^m$, $G = -0.14\ ^{m}/_{m}$, $h_r = 0.9^m$

Januar	590.0	580.1	21	598.0	6	−4.8	−3.1	−4.6	−4.3	−10.4	13	2.0	1.8.9	82	84	83	83	10	2
Februar	592.7	581.3	17	602.6	$^{9}_{11}{}^{10}$	−6.5	−4.8	−5.8	−5.9	−14.8	17	1.2	10	63	66	63	64	5	24.25
März	592.7	581.4	18	600.9	10	−2.5	0.0	−1.7	−1.6	−12.4	9	6.2	30	72	65	70	69	10	3. 16
April	588.8	577.5	12	597.0	29	−3.4	−0.5	−2.3	−2.4	−17.0	14	9.2	30	96	91	92	93	40	4. 6
Mai	592.9	580.9	5	602.3	26	1.4	4.3	2.2	2.2	−5.6	5	14.8	31	89	91	93	91	40	16
Juni	597.6	592.6	25	601.0	15	4.4	6.8	5.3	5.0	−1.4	28	15.4	3	89	88	94	90	35	2. 11
Juli	594.9	587.9	11	599.6	13	3.7	6.0	4.7	4.3	−2.4	9	15.0	30	92	96	93	94	40	14
August	596.7	591.3	9	602.3	26	6.2	9.0	7.2	7.1	0.6	10	17.6	29	83	85	91	86	30	23
September	594.9	585.8	17	599.5	8	4.4	7.8	5.2	5.5	−0.8	11. 21	15.6	4	75	77	84	79	15	26
Oktober	594.6	587.4	29	600.2	13	4.2	7.5	4.8	5.3	−1.6	13	13.6	25	62	57	67	62	10	15
November	594.2	582.8	13	602.1	30	−1.0	0.7	−0.3	−0.4	−6.8	26	7.2	1	73	70	73	72	15	17.20
Dezember	592.2	575.6	29	601.0	21	−6.1	−5.0	−5.9	−5.8	−16.8	31	4.8	3	80	83	85	83	20	3. 4
Jahr	593.5	575.6	XII	602.6	II	0.0	2.4	0.7	0.7	−17.0	IV	17.6	VIII	80	79	82	80	5	II

Altdorf.

$\lambda = 8°39'$, $\beta = 46°53'$, $H_b = 456.3^m$, $G = 0.05\ ^{m}/_{m}$, $h_r = 1.5^m$

Januar	722.4	710.8	21	730.6	6	1.1	4.1	2.1	2.4	−3.5	. 1	8.6	21	89	75	84	83	25	14
Februar	726.0	714.7	27	736.8	9	−0.8	4.2	0.5	1.1	−6.4	24	10.2	1	81	59	78	73	27	18
März	723.9	711.6	17	737.3	9	4.7	10.8	7.3	7.5	−2.8	2	20.1	30	78	50	63	64	21	30
April	718.9	707.6	12	726.3	2	6.5	11.7	8.1	8.6	−4.1	14	23.3	30	87	53	75	72	30	$^{4.5}_{27.30}$
Mai	72 .9	709.7	4	729.6	24	11.6	17.1	12.0	13.2	5.8	6	30.0	31	78	51	78	69	27	31
Juni	725.2	718.8	1	730.6	28	14.5	18.6	14.9	15.7	8.3	28	27.2	3	81	61	84	75	30	1. 3
Juli	722.1	715.6	7	727.5	17	13.5	18.2	14.1	15.0	9.8	9	25.3	30	88	57	91	79	41	1. 21
August	723.1	718.1	6	729.2	26	13.9	19.6	14.8	15.8	9.8	17	24.0	5	94	58	93	82	41	2.5.11
September	722.1	711.2	14	727.6	21	11.9	17.0	12.7	13.6	5.5	24	22.3	3	95	61	90	82	34	30
Oktober	722.5	712.3	5	731.9	14	9.4	15.1	10.9	11.6	2.9	19	22.6	28	87	56	81	75	20	21
November	724.5	711.1	13	734.0	26	6.2	9.5	6.9	7.3	−0.2	30	18.4	11	92	71	87	83	30	11
Dezember	724.6	705.0	28	735.0	21	0.8	3.7	0.7	1.5	−5.5	23	13.8	4	83	70	86	80	29	4
Jahr	723.0	705.0	XII	737.3	III	7.8	12.5	8.8	9.4	−6.4	II	30.0	V	86	60	83	76	20	X

* Bezüglich der Mittelbildung vide vorausgehende Pagina.

Beobachter: **Meteorol. Zentralanstalt.**

Zürich.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≧1.0	*	▲	ꝁ	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.1	8.0	7.9	8.3	71	13	23	16	13	9	—	—	7	0	20	0	8	3	1	1	14	8	1	57	Januar
4.5	3.9	3.5	4.0	19	4	27	7	6	3	—	—	4	9	5	3	16	4	1	2	1	6	6	45	Februar
5.4	5.3	4.4	5.0	87	22	21	9	7	3	—	—	1	7	7	1	8	3	1	3	10	10	13	44	März
6.6	6.3	6.0	6.3	64	12	19	14	12	5	—	1	0	2	11	2	12	5	0	1	13	6	6	45	April
5.3	5.7	5.1	5.4	65	13	10	17	14	—	1	2	0	4	7	3	15	7	3	4	10	7	11	33	Mai
6.4	6.4	6.6	6.5	149	50	27	14	13	—	—	3	0	4	14	2	7	4	1	3	14	12	14	33	Juni
6.3	6.6	7.0	6.6	109	17	8	17	16	—	—	3	0	3	13	6	11	5	1	3	13	17	8	29	Juli
5.0	5.2	5.2	5.1	134	29	10	16	11	—	1	2	1	9	9	6	13	9	3	0	4	8	10	40	August
8.3	6.0	5.5	6.6	105	29	10	12	11	—	—	3	3	2	8	3	13	6	5	2	5	10	7	39	September
7.7	5.4	5.9	6.3	20	7	4	8	5	—	—	—	9	1	8	3	16	7	2	2	5	11	8	39	Oktober
8.6	7.7	8.1	8.1	103	21	12	19	15	—	—	—	6	0	14	0	3	2	4	7	27	14	7	26	November
8.2	7.2	7.2	7.5	62	24	6	12	8	5	—	—	6	1	14	5	8	7	2	0	26	17	7	21	Dezember
6.8	6.2	6.0	6.3	988	50	VI	161	131	25	2	14	37	42	130	34	130	62	24	28	142	126	98	451	Jahr

Beobachter: **Familie Schreiber.**

Rigi-Kulm.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≧1.0	*	▲	ꝁ	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.1	5.6	5.5	5.7	38	14	26	14	10	14	—	—	13	8	11	0	0	1	3	2	12	29	15	31	Januar
3.3	3.6	3.3	3.4	17	7	28	6	4	6	—	—	8	14	4	0	7	13	12	5	4	14	4	25	Februar
5.6	4.7	3.2	4.5	76	15	21	9	9	9	—	—	7	9	4	0	0	3	7	18	4	28	11	22	März
7.2	7.6	5.6	6.8	104	26	1	16	11	15	—	1	11	2	15	1	4	4	3	21	1	20	12	24	April
6.1	6.7	5.5	6.1	147	27	10	19	17	11	—	1	11	3	10	0	3	8	14	14	1	22	10	21	Mai
7.2	8.3	8.0	7.8	342	58	25	18	16	5	—	3	16	0	17	2	4	0	18	5	3	38	7	13	Juni
7.7	8.8	8.1	8.2	429	64	23	19	18	3	—	4	15	1	19	2	8	0	7	6	4	49	7	10	Juli
6.2	8.5	5.8	6.8	280	83	20	17	15	1	—	2	11	1	15	3	5	2	7	5	5	61	0	5	August
6.0	6.6	5.1	5.9	128	47	10	12	11	3	—	2	13	6	11	0	3	0	24	2	0	58	0	3	September
5.1	5.1	4.0	4.7	51	20	8	6	5	1	—	—	5	8	6	1	3	3	20	22	8	22	2	12	Oktober
7.7	7.1	5.7	6.8	220	36	5	20	18	15	—	—	15	3	13	2	0	2	8	10	2	36	14	16	November
6.5	5.7	6.2	6.1	139	38	10	17	13	17	—	—	17	7	15	4	3	5	4	5	3	42	7	20	Dezember
6.2	6.5	5.5	6.1	1971	83	VIII	173	147	100	—	13	142	62	140	15	40	41	127	115	47	419	89	202	Jahr

Beobachter: **E. Hug** u. **A. Frunz.**

Pilatus-Kulm.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≧1.0	*	▲	ꝁ	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
5.7	5.7	5.8	5.7	25	10	26. 31	10	2	10	—	—	11	10	14	0	1	0	0	0	64	0	0	28	Januar
2.3	2.7	2.4	2.5	37	13	28	5	5	5	—	—	5	18	4	0	28	0	5	0	22	0	0	29	Februar
5.5	4.6	3.5	4.5	105	28	8	9	9	9	—	—	6	10	7	0	10	0	2	0	68	0	0	13	März
6.4	6.7	6.3	6.5	151	28	1	16	16	14	—	—	14	4	12	0	17	0	3	0	32	0	0	38	April
6.3	9.3	7.4	7.7	142	29	30	20	19	13	—	4	13	1	13	14	5	1	1	14	47	0	1	10	Mai
7.6	9.0	8.6	8.4	287	52	27	18	18	9	—	1	16	0	20	9	14	0	1	9	56	0	1	0	Juni
8.7	9.4	9.0	9.0	188	41	8	21	20	6	1	4	19	0	23	8	13	0	0	10	59	0	0	3	Juli
6.2	8.0	7.2	7.1	192	47	12	17	16	2	—	2	12	1	16	5	14	2	2	18	49	0	2	1	August
5.8	7.1	5.4	6.1	133	55	10	14	14	3	—	4	9	6	9	5	8	1	1	13	60	0	0	2	September
5.0	5.9	4.6	5.2	23	7	5	5	5	2	—	—	5	9	9	4	9	2	0	5	55	0	0	18	Oktober
7.3	7.2	6.3	6.9	148	20	24	16	15	13	—	—	13	5	17	0	5	0	1	0	46	3	2	33	November
5.7	5.3	5.8	5.6	152	27	10	15	15	15	—	—	11	10	13	1	7	0	4	0	54	0	2	25	Dezember
6.0	6.7	6.0	6.3	1583	55	IX	166	154	101	1	15	134	74	157	46	131	6	20	69	612	3	8	200	Jahr

Beobachter: Frl. **H. Nager.**

Altdorf.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≧1.0	*	▲	ꝁ	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.7	7.6	7.8	8.0	61	22	23	15	11	3	—	—	7	2	21	7	2	3	10	1	1	0	4	65	Januar
6.0	4.8	3.7	4.8	18	9	2	5	5	2	—	—	3	10	6	16	0	1	1	3	0	0	8	55	Februar
6.2	5.6	4.3	5.4	43	9	8	11	9	4	—	—	0	7	10	9	2	5	11	13	0	1	11	41	März
7.1	6.6	5.8	6.5	96	30	1	15	10	4	—	1	0	3	14	8	0	1	8	5	2	2	14	50	April
5.4	6.3	6.3	6.0	127	33	27	17	15	—	1	2	0	5	12	10	1	1	10	7	0	0	12	52	Mai
6.0	7.0	7.4	6.8	157	41	27	18	17	—	—	3	0	3	14	11	1	4	6	1	1	0	9	57	Juni
7.4	6.5	7.9	7.3	189	26	8	23	22	—	1	4	0	1	15	12	0	3	2	2	2	2	14	56	Juli
5.9	5.6	5.4	5.6	166	25	13	20	17	—	—	5	1	7	11	10	1	2	4	1	0	0	9	66	August
6.9	6.2	4.8	6.0	100	28	10	13	13	—	—	1	1	4	9	9	3	1	4	2	0	2	7	62	September
6.5	4.4	3.6	4.8	41	16	5	5	5	—	—	—	1	4	5	3	3	5	5	12	1	2	6	56	Oktober
8.6	7.5	6.3	7.5	101	16	16	17	12	—	—	—	3	2	15	2	4	4	6	0	0	1	4	69	November
7.9	7.3	6.8	7.3	115	45	6	13	11	6	—	—	5	1	15	5	6	6	5	0	0	0	4	67	Dezember
6.9	6.3	5.8	6.3	1214	45	XII	172	147	19	2	16	21	49	147	102	23	36	72	47	7	10	102	696	Jahr

Altstätten.

$\lambda = 9^\circ 33'$, $\beta = 47^\circ 23'$, $H_b = 449.3^m$, $G = 0.08\ ^m/_m$, $h_r = 1.5^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	722.9*	—	—	—	—	−1.8	1.7	−0.4	−0.2	−5.8	3	8.0	21	93	80	90	88	44	21
Februar	726.8*	—	—	—	—	−3.3	4.7	−0.5	0.1	−9.1	19	15.0	2	92	59	79	77	43	13
März	724.4*	—	—	—	—	3.7	11.6	6.9	7.3	−4.8	2	22.0	31	83	52	71	69	18	30
April	719.2*	—	—	—	—	6.2	12.4	7.0	8.1	−4.2	13	23.8	30	80	55	77	71	33	4
Mai	721.6	710.6	4	730.3	24	11.1	17.5	11.5	12.9	5.3	5	28.1	30	78	54	77	70	36	16.21 27
Juni	725.7	720.0	1	731.2	28	14.2	19.1	14.0	15.3	8.6	28	27.2	4	78	61	82	74	34	1
Juli	722.7	716.9	6	728.1	18	13.0	18.4	13.6	14.7	7.4	9	25.9	14	86	62	86	78	42	14
August	723.7	717.8	6	729.9	26	13.6	19.9	14.6	15.6	9.4	17	26.1	5	91	62	87	80	37	5
September	722.9	713.1	14	728.2	22	11.4	16.9	12.0	13.1	6.8	29	23.6	3	95	66	94	85	50	20
Oktober	723.2	712.2	8	733.0	13	8.7	15.2	10.7	11.3	1.4	15.20	25.3	8	91	61	83	78	28	22
November	724.9	711.8	13	733.5	29	4.6	8.8	5.5	6.1	−2.5	21	15.8	2	94	75	92	87	50	3
Dezember	725.0	704.7	28	736.1	21	−0.7	2.7	0.2	0.6	−8.7	24	11.1	28	88	74	86	83	33	28
Jahr	723.6	704.7	XII	—	—	6.7	12.4	7.9	8.7	−9.1	II	28.1	V	87	63	84	78	18	III

Säntis.

$\lambda = 9^\circ 20'$, $\beta = 47^\circ 15'$, $H_b = 2500.1^m$, $G = -0.16\ ^m/_m$, $h = 0.7^m$

Januar	559.2	550.2	21	567.3	5	−7.6	−6.5	−7.5	−7.3	−13.6	22	−3.0	1	89	87	87	88	55	8
Februar	561.8	551.6	17	571.8	10	−8.8	−7.5	−8.8	−8.5	−18.0	17	−0.6	10	70	71	74	72	26	9
März	562.3	550.4	18	570.6	10	−5.6	−3.7	−5.1	−4.9	−15.4	9	2.2	29	81	80	79	80	33	2
April	558.1	545.4	12	566.5	29	−5.1	−3.3	−5.6	−4.9	−19.8	13	4.6	30	92	92	94	93	55	16
Mai	562.3	550.2	5	571.7	26	−1.1	0.9	−1.3	−0.7	−8.6	5	9.6	30	90	89	92	90	61	21
Juni	566.8	561.4	25	570.8	16	1.8	3.6	1.7	2.2	−4.0	28	10.4	18	91	90	91	91	60	16.17
Juli	564.2	558.1	11	569.3	27	0.8	2.3	1.0	1.3	−4.5	9	8.8	30	95	95	96	95	54	31
August	566.2	560.5	9	572.0	26	3.1	5.0	3.3	3.6	−2.8	16	12.4	29	84	90	87	87	24	2
September	564.6	556.3	17	569.2	8	1.8	3.7	1.7	2.2	−3.9	10	11.2	4	86	87	88	87	25	26
Oktober	564.6	558.2	5	569.8	25	1.3	3.1	1.4	1.8	−5.0	13	8.6	19	74	72	76	74	12	15
November	563.1	551.6	13	570.7	30	−3.9	−3.0	−3.3	−3.4	−9.3	26	3.7	1	91	90	89	90	48	3
Dezember	560.1	543.5	29	569.9	21	−8.7	−8.4	−9.0	−8.8	−20.5	31	−1.1	3	87	89	88	88	40	22
Jahr	562.8	543.5	XII	572.0	VIII	−2.7	−1.2	−2.6	−2.3	−20.5	XII	12.4	VIII	86	86	87	86	12	X

Basel.

$\lambda = 7^\circ 35'$, $\beta = 47^\circ 33'$, $H_b = 277.2^m$, $G = 0.13\ ^m/_m$, $h_r = 1.5^m$

Januar	737.7	724.9	21	745.8	5. 6	1.9	4.2	2.3	2.7	−1.8	10	9.6	31	85	76	85	82	48	21
Februar	742.4	731.8	1	753.6	9	−0.6	5.0	2.3	2.3	−7.4	19	10.7	6	85	64	71	73	34	15
März	739.4	727.5	19	753.0	9	4.3	11.1	7.2	7.5	−1.6	2	17.8	31	86	57	79	74	21	17
April	734.4	720.9	12	742.6	2	6.3	12.3	8.8	9.1	−2.6	14	22.8	30	85	56	78	73	34	16
Mai	736.4	726.4	5	745.0	24	10.9	17.1	13.0	13.7	5.2	5	27.0	27	84	55	79	72	28	21
Juni	740.7	736.0	1	746.2	28	14.1	19.8	16.0	16.5	10.8	25	27.3	17	81	57	75	71	37	15.16
Juli	737.4	731.7	6	743.0	1	13.4	18.7	15.6	15.8	9.6	2	26.8	14	87	62	80	76	44	13.14
August	738.3	733.0	6	744.4	26	13.6	20.1	16.5	16.7	10.0	17	25.9	5	88	61	83	77	41	5
September	737.5	727.0	14	743.0	21	11.5	17.0	13.5	13.9	6.8	12	23.6	3	93	71	89	84	48	16
Oktober	737.8	727.8	8	748.3	14	9.0	14.5	10.8	11.3	3.0	15	19.0	2.29	93	72	88	84	42	14
November	739.8	725.8	13	749.8	19	7.2	10.3	8.0	8.4	1.8	20	15.2	3	89	78	89	85	48	8
Dezember	740.6	718.9	28	751.3	21	1.1	3.7	2.0	2.2	−4.4	22	8.6	28	85	78	84	82	57	9
Jahr	738.5	718.9	XII	753.6	II	7.7	12.8	9.7	10.0	−7.4	II	27.3	VI	87	66	82	78	21	III

Neuenburg.

$\lambda = 6^\circ 57'$, $\beta = 47^\circ 0'$, $H_b = 487.3^m$, $G = .06\ ^m/_m$, $h_r = 1.3^m$

Januar	719.7	708.9	21	728.3	5	1.2	3.0	1.7	1.9	−2.9	10	8.3	24	94	88	91	91	65	12
Februar	723.5	714.4	27	733.9	9	−0.9	3.7	1.5	1.5	−6.2	20	8.2	13	82	69	70	74	31	13
März	721.4	710.1	17	734.0	10	3.6	9.7	5.8	6.2	−3.7	2	16.3	31	86	63	77	75	38	17
April	716.3	704.9	12	723.7	2	5.9	11.8	8.0	8.4	−2.6	14	22.5	30	87	61	75	74	38	15
Mai	718.5	707.8	5	726.8	26	10.6	16.8	12.1	12.9	4.3	6	27.3	31	84	58	71	71	38	21
Juni	722.8	718.0	1	728.0	28	14.4	19.7	15.4	16.2	9.1	25	27.8	3	76	58	69	67	38	10
Juli	719.6	714.4	6. 7	724.9	18	13.2	18.8	14.7	15.3	9.8	24	25.4	29	84	62	75	74	40	1
August	720.5	715.5	6	726.1	26	13.9	20.6	16.2	16.7	9.8	10	25.9	29	87	63	75	75	39	16
September	719.6	709.5	14	724.9	21.22	11.3	17.1	12.4	13.3	6.8	11	25.5	4	96	74	88	86	58	6
Oktober	720.0	710.7	29	728.5	13.14	8.0	12.9	9.3	9.9	2.8	15	18.2	3	96	78	91	88	44	12
November	722.0	709.1	13	730.7	19	6.1	8.8	6.7	7.2	2.2	25	15.0	2	92	84	91	89	57	6
Dezember	722.2	703.4	28	732.9	21	1.0	3.1	1.4	1.7	−4.5	31	9.1	4	82	77	80	80	48	27
Jahr	720.5	703.4	XII	734.0	III	7.4	12.2	8.8	9.3	−6.2	II	27.8	VI	87	70	79	79	31	II

* interpolirt nach Sargans.

Beobachter: **J. Haltner.** **Altstätten.**

Bewölkung 7³⁰	1³⁰	9³⁰	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.1	7.8	7.9	7.9	104	19	23	16	14	7	—	—	8	0	19	0	1	0	0	1	5	12	5	69	Januar
3.7	4.3	3.2	3.7	32	15	2	5	4	2	—	—	1	13	3	16	1	5	8	2	3	2	3	44	Februar
5.7	5.3	4.9	5.3	71	26	8	8	7	4	—	—	1	9	11	1	1	4	2	7	13	5	16	44	März
6.6	6.1	6.5	6.4	93	17	20	13	11	3	—	1	0	5	13	12	7	6	0	3	6	10	8	38	April
5.8	5.7	5.7	5.7	105	21	23	20	19	—	1	4	0	7	11	7	2	5	2	8	4	11	6	48	Mai
6.6	6.1	6.7	6.5	160	38	27	17	15	—	—	2	0	6	14	9	7	7	0	3	5	6	0	53	Juni
6.5	6.6	7.1	6.7	211	50	8	20	19	—	—	2	0	4	16	8	8	5	1	2	2	3	3	61	Juli
5.0	5.0	5.0	5.0	231	34	20	18	18	—	—	5	0	11	10	9	2	1	2	0	0	2	11	66	August
6.2	5.8	6.1	6.0	103	34	10	14	11	—	—	2	2	4	11	8	3	6	1	2	0	3	3	64	September
6.3	4.8	4.7	5.3	58	33	8	7	3	—	—	—	4	5	5	6	2	2	2	12	3	2	4	60	Oktober
8.2	8.2	6.9	7.8	161	37	16	18	16	—	—	—	4	1	18	1	4	1	2	0	8	3	1	70	November
8.1	6.9	7.1	7.4	110	31	6	16	13	8	—	—	3	3	17	7	2	1	0	2	7	15	3	56	Dezember
6.4	6.0	6.0	6.1	1439	50	VII	172	150	24	1	16	23	68	148	84	40	43	20	42	56	74	63	673	Jahr

Beobachter: **J. Bommer.** **Säntis.**

6.4	6.4	6.3	6.4	311	43	23	19	19	19	—	—	18	6	13	1	4	1	2	2	45	31	3	4	Januar
4.1	4.7	3.7	4.2	69	19	27	8	8	8	—	—	11	11	5	2	24	8	2	6	21	11	4	6	Februar
6.6	6.4	5.1	6.0	152	36	9	14	13	14	—	—	12	2	10	7	2	3	3	17	37	20	3	1	März
7.3	7.8	7.0	7.4	254	56	20	16	14	16	—	1	19	1	16	2	14	7	5	6	21	18	2	15	April
6.7	8.0	6.6	7.1	302	66	23	21	21	17	—	4	23	1	15	4	6	4	3	6	33	23	6	8	Mai
7.6	8.5	7.6	7.9	362	67	27	18	18	12	—	2	21	1	16	7	2	0	6	5	30	27	12	1	Juni
8.0	8.8	7.5	8.1	510	71	19	24	19	16	—	4	28	0	19	3	6	1	0	1	27	45	9	1	Juli
6.4	7.6	6.2	6.7	364	51	24	18	18	8	1	7	22	2	14	3	4	3	2	2	31	41	6	1	August
5.6	7.0	5.7	6.1	202	36	5	15	12	10	—	3	14	5	9	5	3	5	4	14	33	19	3	4	September
5.6	6.3	5.0	5.6	78	34	5	8	5	7	—	—	12	6	9	4	8	6	5	16	35	17	1	1	Oktober
8.2	7.8	7.2	7.7	474	77	16	20	19	20	—	—	21	2	18	3	1	3	2	7	38	31	4	1	November
6.9	6.9	7.4	7.1	386	73	10	20	20	20	—	—	22	3	16	6	8	4	2	0	35	28	7	3	Dezember
6.6	7.2	6.3	6.7	3464	77	XI	201	186	167	1	21	223	40	160	47	82	45	36	82	386	311	60	46	Jahr

Beobachter: **Bernoullianum.** **Basel.**

7.2	6.9	7.0	7.0	46	8	11	17	17	6	—	—	2	3	14	0	0	13	41	3	8	6	2	20	Januar
5.7	4.1	2.5	4.1	34	15	27	6	5	—	—	—	5	10	4	2	1	5	16	3	0	5	1	51	Februar
7.2	6.9	4.6	6.3	62	16	17	9	8	2	—	—	1	1	8	2	1	7	10	1	7	8	4	53	März
7.6	6.6	5.8	6.7	50	14	24	11	10	1	1	2	1	1	9	7	1	14	8	4	7	9	4	36	April
6.0	6.0	5.4	5.8	84	17	10	13	12	—	2	5	2	4	6	8	5	19	10	10	7	14	3	17	Mai
6.7	6.2	6.8	6.6	75	22	19	12	9	—	1	3	0	1	12	3	0	12	6	5	8	32	7	17	Juni
6.5	6.8	6.8	6.7	53	11	18	15	13	—	—	3	0	5	14	7	2	12	10	3	10	15	5	29	Juli
5.7	5.4	4.5	5.2	87	16	6	14	11	—	—	6	5	6	8	6	3	9	15	3	1	9	8	39	August
7.8	5.7	3.9	5.8	76	19	4	14	12	—	—	4	7	2	6	2	2	19	16	1	4	1	8	37	September
7.6	5.5	5.5	6.2	49	10	8	13	9	—	—	—	11	1	7	2	0	17	25	0	3	3	2	41	Oktober
8.8	7.7	7.3	7.9	109	32	12	19	18	—	—	—	4	0	20	0	0	3	17	2	7	10	1	50	November
7.9	7.6	6.6	7.4	54	18	6	10	7	4	—	—	7	2	16	3	0	5	18	3	4	14	4	42	Dezember
7.1	6.3	5.6	6.3	779	32	XI	153	131	13	4	23	45	36	124	42	15	135	192	38	66	126	49	432	Jahr

Beobachter: **Observatorium.** **Neuenburg.**

9.5	8.8	9.2	9.2	111	15	31	18	15	11	—	—	10	0	27	12	19	3	2	0	20	12	16	9	Januar
6.0	5.2	3.6	4.9	54	16	1	7	5	3	—	—	4	7	7	7	33	15	0	1	9	3	8	8	Februar
7.3	7.3	4.9	6.5	97	23	21	10	9	3	—	—	2	3	12	13	12	7	3	1	22	11	22	2	März
7.7	6.4	6.6	6.9	56	16	19	15	10	3	—	—	0	0	10	6	29	7	4	2	16	5	13	8	April
5.9	6.3	5.4	5.9	65	18	6	16	12	—	—	3	2	4	7	12	10	17	10	4	21	3	13	3	Mai
6.3	6.7	6.6	6.5	41	10	20	13	9	—	—	1	0	2	12	22	7	13	6	1	19	9	9	4	Juni
7.1	7.0	6.9	7.0	93	27	26	19	13	—	—	4	2	3	14	12	5	19	5	0	19	15	15	3	Juli
5.7	6.1	4.5	5.4	97	25	29	14	11	—	1	3	0	7	7	14	21	18	6	3	13	5	9	4	August
8.6	6.7	4.3	6.5	143	50	4	16	16	—	—	4	0	1	7	17	24	14	6	5	13	2	7	2	September
8.9	7.7	5.9	7.5	35	14	8	12	6	—	—	—	8	0	16	11	19	10	6	3	15	3	14	12	Oktober
9.2	8.3	8.1	8.5	127	55	12	19	14	—	—	2	7	0	20	3	16	3	2	2	18	21	15	10	November
8.5	8.1	7.7	8.1	48	22	6	7	6	2	—	—	2	0	20	17	24	1	0	0	24	4	19	4	Dezember
7.5	7.1	6.1	6.9	967	55	XI	166	126	22	1	17	37	27	159	146	219	127	50	22	209	93	160	69	Jahr

Chaumont.

$\lambda = 6°59'$, $\beta = 47°1'$, $H_b = 1127^m$, $G = -0.02\ ^m/_m$, $h_r = 1.3^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	665.0	654.9	21	672.8	5	0.1	2.0	0.3	0.7	−4.0	22	7.0	1	81	78	82	80	13	9
Februar	668.3	658.9	18	678.2	9	−2.6	1.2	−1.7	−1.2	−9.5	19	8.0	11	76	67	70	71	7	10
März	667.2	656.9	17	677.3	9	1.6	5.9	3.2	3.5	−7.0	2	14.0	30	79	65	72	72	23	10
April	662.7	651.1	12	669.3	29	2.1	7.3	3.4	4.0	−8.5	14	18.4	30	88	68	81	79	38	4
Mai	665.6	654.8	5	673.7	26	7.0	11.7	7.5	8.4	0.0	4.5.6	21.0	31	85	62	78	75	35	31
Juni	670.1	664.8	25	674.2	28	10.1	14.2	10.9	11.5	5.2	25	22.2	18	83	67	81	77	36	10
Juli	667.1	661.4	6. 7	672.0	17	9.4	13.5	10.1	10.8	4.7	9	21.0	28	89	73	87	83	48	1. 28
August	668.3	663.6	6	673.3	26	11.1	15.6	12.7	13.0	6.2	10	24.0	28	81	70	77	76	50	2.15.16
September	666.9	658.4	14	671.3	21	8.7	13.0	9.3	10.1	4.2	10	19.5	3	93	75	86	85	55	19
Oktober	666.9	659.2	29	674.3	12	7.0	11.3	7.6	8.4	0.5	14	16.5	25	83	68	84	78	35	15
November	668.1	656.1	13	676.2	19	3.5	5.5	3.6	4.0	−1.2	25	11.6	2	92	85	91	89	47	30
Dezember	667.2	650.4	28	676.7	21	−1.8	0.5	−1.6	−1.1	−11.6	31	10.0	1	84	81	80	82	27	3
Jahr	667.0	650.4	XII	678.2	II	4.7	8.5	5.5	6.0	−11.6	XII	24.0	VIII	85	72	81	79	7	II

Bern.

$\lambda = 7°26'$, $\beta = 46°57'$, $H_b = 572.2^m$, $G = 0.05\ ^m/_m$, $h_r = 1.5^m$

Januar	712.0	701.0	21	720.2	5. 6	−0.3	2.8	0.6	0.9	−5.6	6	7.3	17	94	83	92	90	59	21
Februar	715.7	706.5	27	726.1	9	−2.8	3.6	0.1	0.2	−8.5	19	7.5	6. 7	89	64	78	77	31	13
März	713.7	702.0	17	725.9	9. 10	2.0	9.8	5.0	5.4	−4.3	2	18.7	31	93	57	84	78	28	17
April	708.7	696.6	12	716.2	2	5.3	11.1	7.0	7.6	−4.7	14	21.6	30	88	56	83	75	30	$^{6.15}_{16}$
Mai	711.0	700.5	5	719.2	26	10.4	16.1	11.1	12.2	3.9	5	26.1	31	83	53	79	72	35	21
Juni	715.4	710.7	1	720.6	28	13.6	18.8	14.1	15.2	8.7	25	26.0	17	80	54	78	71	26	10
Juli	712.3	707.2	7	717.4	18	12.9	18.0	13.9	14.7	9.5	9	25.2	29	82	58	82	74	26	2
August	713.1	708.1	6	718.6	26	13.4	20.0	15.4	16.1	9.8	10	26.4	29	89	54	82	75	31	5
September	712.2	702.2	14	717.5	21.22	10.2	16.4	11.8	12.5	4.8	11	24.3	3	94	67	90	84	47	3.17
Oktober	712.5	703.5	29	721.0	13	6.5	13.2	8.5	9.2	1.2	21	18.2	2	97	71	95	88	46	12
November	714.5	701.5	13	722.7	19	4.9	8.6	5.7	6.2	0.2	30	15.3	3	95	79	94	89	56	6
Dezember	714.4	695.4	28	724.8	21	−1.3	2.1	−0.4	0.0	−6.6	24	8.3	4	91	79	91	87	37	27
Jahr	713.0	695.4	XII	726.1	II	6.2	11.7	7.7	8.3	−8.5	II	26.4	VIII	90	65	86	80	26	VI.VII

Genf.*)

$\lambda = 6°9'$, $\beta = 46°12'$, $H_b = 405.0^m$, $G = 0.02\ ^m/_m$, $h_r = 1.7^m$

Januar	727.5	718.7	21	736.1	6	2.1	4.5	3.3	3.3	−2.4	1	10.8	26	91	80	85	86	48	13
Februar	730.6	721.2	17	741.0	9	−0.6	4.0	1.6	1.7	−5.5	24.25	9.4	1. 3	90	75	82	81	36	13
März	728.5	718.2	17	740.6	10	4.1	10.2	7.0	7.1	−2.2	10	16.8	14	83	57	76	73	27	19
April	723.1	713.9	12	730.9	2	6.8	11.9	9.4	9.4	−1.2	13	20.6	27	83	57	71	72	16	16
Mai	725.4	715.3	5	733.7	26	11.1	16.3	12.8	13.2	4.2	2	27.4	27	80	53	72	70	30	30
Juni	729.7	725.1	1	734.9	29	15.1	19.9	16.5	17.0	11.2	26	25.8	17	73	51	67	66	24	11
Juli	726.7	721.6	7	732.1	18	14.2	19.2	16.1	16.4	10.2	8. 9	26.2	14	81	56	73	71	34	22
August	727.2	722.1	30	732.4	26	14.8	21.3	17.3	17.6	10.8	16	28.1	5	85	57	76	74	31	30
September	726.3	716.4	14	731.9	22	11.8	17.4	13.9	14.2	5.4	23	23.6	9	91	66	85	81	48	17
Oktober	726.7	717.0	8	735.0	14	7.8	13.5	10.0	10.3	3.0	15	18.0	22	95	74	88	87	49	9
November	729.3	716.5	13	737.6	27.30	6.2	10.2	7.4	7.8	0.8	21	20.0	2	90	77	89	86	51	6
Dezember	729.9	712.6	29	740.2	21	0.6	3.9	1.6	1.9	−5.0	23	10.6	27	87	76	85	83	43	27
Jahr	727.6	712.6	XII	741.0	II	7.8	12.7	9.7	10.0	−5.5	II	28.1	VIII	86	65	79	77	16	IV

St. Bernhard.

$\lambda = 7°11'$, $\beta = 45°52'$, $H_b = 2475.8^m$, $G = -0.22\ ^m/_m$, $h_r = 6.0^m$

Januar	562.6	554.0	21	570.7	5	−7.7	−5.9	−7.5	−7.2	−14.4	22	−0.6	24	78	73	80	77	24	25
Februar	564.4	554.0	17	574.2	10	−8.7	−6.0	−8.9	−8.1	−19.2	18	1.8	10	62	61	74	66	14	9
März	565.3	553.1	18	573.2	10	−5.8	−2.6	−5.0	−4.6	−15.6	9.18	5.5	11	76	73	78	76	17	3
April	560.6	549.9	12	568.5	29	−5.6	−2.3	−5.1	−4.5	−19.3	13	3.8	21	88	81	89	86	38	16
Mai	564.7	551.6	5	574.1	26	−1.1	2.5	−0.7	0.0	−7.6	4	11.9	27	88	68	90	82	32	20
Juni	569.4	563.2	25	572.6	15	2.3	5.9	2.6	3.4	−3.8	7	13.0	14	83	70	92	82	32	8.14
Juli	566.8	560.7	11	572.2	13	2.5	6.4	3.5	4.0	−4.0	9	14.1	30	78	68	86	77	28	13
August	568.7	563.7	9	574.6	26	4.8	8.3	5.9	6.2	−0.6	14.15	15.6	28	79	67	80	75	41	28
September	567.0	559.0	17	571.4	3	1.8	4.0	2.4	2.7	−4.4	22	12.3	3	83	81	88	84	18	11
Oktober	567.1	560.5	29	573.5	25	0.2	2.3	0.7	1.0	−3.7	14	6.9	25	76	75	82	78	12	15
November	566.6	555.7	7	573.2	29.30	−3.7	−1.5	−3.4	−3.0	−9.6	8	4.6	3	81	79	82	81	13	30
Dezember	563.5	544.9	29	571.9	21	−7.9	−6.3	−7.7	−7.4	−20.1	31	2.0	1	72	69	67	69	12	24
Jahr	565.6	544.9	XII	574.6	VIII	−2.4	0.4	−1.9	−1.5	−20.1	XII	15.6	VIII	79	72	82	78	12	X. XII

*) **Genf.** Vergleiche Fussnote auf Pag. 2. — Die Monatsmittel der Temperatur sind hier der in den Annalen gebräuchlichen Stundenkombination entnommen.

Beobachter: Frl. **E. Houriet.**

Chaumont.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung								1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	• *	•* ≧1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.7	7.5	7.7	7.3	110	21	21	17	15	13	—	—	12	4	20	0	0	0	0	1	26	15	1	50	Januar
3.9	3.3	2.7	3.3	47	16	27	6	5	6	—	—	2	16	6	1	13	2	5	0	24	2	2	35	Februar
6.6	6.3	5.3	6.1	83	13	31	10	10	7	—	—	5	7	14	8	2	0	0	0	19	14	1	49	März
7.8	6.9	7.1	7.3	69	17	19	15	10	10	—	1	6	1	16	5	3	0	5	0	10	14	7	46	April
4.9	5.0	5.1	5.0	73	21	6	16	15	4	—	4	6	8	8	4	2	0	7	3	18	5	4	50	Mai
6.6	5.7	6.4	6.2	41	9	20	11	10	—	—	3	5	5	11	0	0	1	1	2	25	9	10	42	Juni
6.4	6.2	6.1	6.2	103	15	10	17	16	1	2	3	9	4	11	4	1	1	2	0	14	1	6	64	Juli
5.2	4.8	4.2	4.7	123	26	29	14	13	—	—	6	4	10	6	14	3	0	2	2	6	7	4	55	August
5.8	5.3	3.8	5.0	125	31	4	14	14	—	—	5	7	7	6	2	0	0	0	3	2	6	0	77	September
6.1	5.2	4.0	5.1	38	13	8	9	7	—	—	—	8	8	8	5	0	0	2	0	11	3	6	66	Oktober
8.7	8.3	7.6	8.2	129	43	12	17	14	8	—	1	14	2	21	1	0	0	0	0	9	38	2	40	November
5.9	6.3	5.8	6.0	31	9	6	10	8	10	—	—	7	7	15	3	1	0	0	0	8	27	0	54	Dezember
6.2	5.9	5.5	5.9	972	43	XI	156	137	59	2	23	85	79	142	47	25	4	24	11	172	141	43	628	Jahr

Beobachter: **Tellur. Observatorium.**

Bern.

9.2	8.4	8.6	8.7	66	8	23	17	14	7	—	—	14	0	21	0	2	0	3	0	16	2	0	70	Januar
5.2	4.2	4.4	4.6	30	10	2	5	5	2	—	—	8	8	5	4	22	2	0	1	3	5	0	47	Februar
6.7	6.4	4.6	5.9	107	21	17	10	9	4	—	—	1	3	6	0	8	1	1	0	10	3	4	68	März
7.5	6.6	6.2	6.8	78	14	27	14	12	2	—	2	3	0	12	2	19	1	5	0	13	4	0	46	April
5.2	6.3	6.2	5.9	85	16	10	15	11	—	1	4	2	3	10	1	10	0	1	0	9	4	1	67	Mai
5.7	6.8	7.1	6.5	57	10	27	16	15	—	—	3	0	2	12	2	6	0	0	0	7	4	3	68	Juni
6.9	6.7	7.2	6.9	96	13	6	15	14	—	—	2	2	2	14	3	1	2	1	1	4	12	0	69	Juli
5.5	5.2	4.8	5.2	75	12	6	12	12	—	—	4	5	8	6	2	5	1	0	0	4	6	0	75	August
8.4	5.8	5.8	6.7	140	30	14	16	14	—	—	5	14	0	7	0	6	1	3	0	2	3	0	75	September
8.3	6.4	6.1	6.9	40	14	30	7	7	—	—	—	13	0	11	2	4	0	0	0	1	1	0	85	Oktober
8.9	8.7	8.6	8.7	131	44	12	16	15	—	—	1	9	0	22	0	2	0	0	0	11	5	0	72	November
8.5	7.5	7.7	7.9	49	10	6	10	10	5	—	—	9	1	18	1	7	1	0	0	10	2	0	72	Dezember
7.2	6.6	6.5	6.7	954	44	XI	153	138	20	1	21	80	27	125	17	90	9	14	2	90	51	8	814	Jahr

Beobachter: **Observatorium.**

Genf.

9.1	8.9	9.2	9.0	73	10	23	16	14	4	—	—	7	0	23	5	5	2	0	9	14	4	2	52	Januar
5.9	5.3	4.4	5.2	31	13	27	7	5	4	—	1	3	8	7	18	9	14	0	4	7	4	0	28	Februar
5.9	6.1	4.6	5.6	142	29	23	9	7	2	—	1	0	6	10	9	10	0	1	9	15	1	1	47	März
6.8	6.5	6.6	6.8	57	16	17	12	10	1	—	2	1	3	11	18	10	1	1	6	18	1	3	32	April
5.0	5.9	4.8	5.5	69	19	14	10	9	1	1	4	0	4	7	14	7	3	3	3	13	4	7	39	Mai
5.4	5.6	6.1	5.5	32	11	5	9	6	—	—	3	0	2	5	9	6	1	0	7	14	2	4	47	Juni
5.3	5.4	5.3	5.4	76	20	30	14	12	—	—	4	0	5	7	12	12	2	5	6	10	7	0	39	Juli
4.2	3.8	3.7	3.7	52	14	19	10	7	—	1	4	1	10	1	15	12	2	3	5	9	2	2	43	August
6.2	5.5	3.9	5.3	96	57	14	15	12	—	—	7	2	3	5	20	11	0	2	7	5	2	3	40	September
7.7	6.1	4.8	5.9	86	35	8	16	9	—	—	1	5	2	11	14	10	4	7	11	14	4	3	26	Oktober
8.0	7.7	5.9	7.0	144	37	12	20	18	—	—	1	6	1	12	4	4	1	9	14	10	3	4	41	November
7.3	6.5	6.7	7.0	71	46	6	10	6	2	—	1	6	5	15	11	10	2	9	14	9	3	4	31	Dezember
6.4	6.1	5.5	6.0	929	57	IX	148	115	14	2	29	31	49	114	149	106	32	40	95	138	37	33	465	Jahr

Beobachter: **Hospiz.**

St. Bernhard.

6.4	5.6	5.0	5.7	158	32	18	16	16	16	—	—	6	6	9	0	36	0	0	0	26	0	0	31	Januar
3.0	3.5	2.6	3.0	42	14	27	7	6	7	—	—	3	16	2	0	34	0	0	0	26	0	0	24	Februar
5.3	5.4	5.0	5.2	152	27	22	12	12	12	—	—	10	12	12	0	25	0	0	0	45	0	0	23	März
6.4	7.2	7.3	7.0	188	33	1	15	15	15	—	—	15	2	14	0	25	0	0	0	41	0	0	24	April
6.3	6.3	6.9	6.5	165	32	17	11	11	9	—	—	10	5	14	0	34	0	0	0	34	0	0	25	Mai
7.2	5.8	7.1	6.7	98	23	25	13	12	3	—	—	10	3	14	0	46	0	0	0	22	0	0	22	Juni
6.2	6.4	6.6	6.4	99	24	30	11	11	5	—	—	15	4	13	0	67	0	0	0	13	0	0	13	Juli
4.9	4.9	4.9	4.9	72	30	11	8	7	—	—	—	10	10	7	0	59	0	0	0	17	0	0	17	August
5.4	6.6	5.4	5.8	199	35	17	13	12	6	—	—	16	8	10	0	37	0	1	0	43	0	0	9	September
7.7	6.1	4.8	6.2	100	23	30	12	10	8	—	—	14	11	14	0	19	0	0	0	70	0	0	4	Oktober
6.5	6.9	6.1	6.5	239	44	24	17	17	17	—	—	10	6	13	0	38	0	0	0	31	0	0	21	November
4.8	3.4	3.7	4.0	133	36	6	9	9	9	—	—	5	13	7	0	64	0	0	0	21	0	0	8	Dezember
5.8	5.7	5.5	5.7	1645	44	XI	144	138	107	—	—	124	96	129	0	484	0	1	0	389	0	0	221	Jahr

Sitten.

$\lambda = 7^\circ 21'$, $\beta = 46^\circ 14'$, $H_b = 540^m$, $G = 0.00\ ^m/_m$, $h_r = 2.4^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	715.5	706.6	21	724.7	6	0.5	3.9	1.7	1.9	−3.0	25	7.1	29	81	65	78	75	42	9. 14
Februar	718.7	709.2	17	729.7	9	−1.2	5.0	1.6	1.7	−5.1	19	7.8	21. 25	78	52	70	67	29	24. 25
März	716.4	706.4	17. 18	729.2	10	3.9	12.3	7.5	7.8	−2.6	2. 10	18.8	30	77	42	63	61	25	19
April	710.9	700.9	7	717.8	2	6.2	13.6	9.2	9.6	−4.0	14	23.0	30	77	46	62	62	28	4
Mai	713.2	701.3	5	722.2	26	11.5	19.0	13.0	14.1	5.9	5	27.0	27	75	44	63	61	31	20
Juni	717.2	712.0	1	722.0	29	15.0	22.1	16.3	17.5	10.0	25	27.1	16	74	47	65	62	33	1. 2
Juli	714.4	708.9	7	720.9	18	14.0	20.7	15.7	16.5	10.4	11	25.9	29	77	51	64	64	39	21
August	715.1	709.1	10	721.4	26	14.7	21.9	17.1	17.7	11.2	8	27.4	29	81	51	67	67	37	15
September	714.5	703.8	14	720.3	22	11.2	18.5	13.6	14.2	6.5	24	24.8	3	90	58	78	76	43	3
Oktober	715.1	705.9	29	722.8	14	8.1	16.2	10.9	11.5	2.9	15	23.0	26	84	53	75	71	31	26
November	717.2	704.7	13	726.1	17	5.1	9.9	6.8	7.2	0.4	27	15.9	12	89	61	80	77	43	6
Dezember	717.4	699.4	29	728.0	21	−0.4	3.7	0.6	1.1	−6.0	31	7.6	11	80	60	77	72	40	19. 28
Jahr	715.5	699.4	XII	729.7	II	7.3	13.9	9.7	10.1	−6.0	XII	27.4	VIII	80	53	70	68	25	III

Lugano.

$\lambda = 8^\circ 57'$, $\beta = 46^\circ 0'$, $H_b = 276.2^m$, $G = 0.03\ ^m/_m$, $h_r = 1.7^m$

Januar	740.0	730.3	21	749.6	5	0.0	4.4	2.1	2.2	−2.8	14	8.8	22	89	75	86	83	36	22
Februar	742.6	733.7	28	751.8	9	−0.5	6.5	2.4	2.7	−6.0	19	17.0	11	86	64	76	75	18	1. 4
März	741.5	724.4	18	751.3	10	4.3	10.8	7.0	7.3	−3.2	3	17.0	30	84	67	80	77	15	1. 9
April	734.5	722.0	12	740.6	29	7.7	13.4	9.5	10.0	0.4	14	21.2	29	81	65	78	75	17	13. 14
Mai	736.2	722.7	5	745.5	26	12.7	19.0	14.2	15.0	7.2	6	28.4	28	77	63	76	72	25	23
Juni	738.8	731.0	25	745.2	15	17.8	24.5	18.6	19.9	12.0	7	30.4	12	69	55	67	64	26	26. 30
Juli	735.2	729.1	11	741.2	14	16.6	24.0	18.7	19.5	10.8	11	29.0	30	75	62	72	70	23	1
August	737.2	731.8	7	742.6	26	16.5	24.7	18.7	19.7	12.4	7	28.4	4	87	70	80	79	36	21
September	738.0	729.2	17	742.8	29	13.3	20.2	14.8	15.8	7.8	23	26.6	4	88	71	86	81	35	10
Oktober	740.1	730.7	7	748.5	14	9.7	15.9	10.9	11.9	4.4	17	20.2	13	92	79	94	88	60	10
November	739.8	725.6	13	749.0	20	6.8	12.4	7.7	8.7	2.2	25. 27	20.0	29	86	70	82	79	21	29
Dezember	738.7	717.0	29	750.4	21	2.2	7.1	3.0	3.8	−2.6	24	18.2	11	74	63	74	70	13	14
Jahr	738.6	717.0	XII	751.8	II	8.9	15.2	10.6	11.4	−6.0	II	30.4	VI	82	67	79	76	13	XII

Bevers.

$\lambda = 9^\circ 53'$, $\beta = 46^\circ 33'$, $H_b = 1712.6^m$, $G = -0.12\ ^m/_m$, $h_r = 1.6^m$

Januar	618.8	610.1	21	628.2	5	−10.9	−3.6	−8.5	−7.9	−16.4	10	3.4	26	86	70	80	79	43	28
Februar	621.4	612.4	17	631.2	9	−13.4	−2.5	−8.8	−8.4	−21.0	19	5.6	11	81	56	67	68	41	25
März	621.5	607.3	18	629.2	6	−5.5	3.7	−2.3	−1.6	−18.6	2	8.6	26	84	55	76	72	38	12
April	616.3	604.2	12	624.0	29	−2.9	5.0	−0.7	0.2	−16.4	14	13.4	29	85	54	78	72	31	16
Mai	619.7	607.6	5	628.5	26	3.5	10.2	4.3	5.6	−3.7	5	18.6	26	84	51	75	70	30	21. 26
Juni	623.7	617.6	25	627.1	15	7.4	14.1	7.5	9.1	2.6	28	19.6	4	85	50	76	70	31	17
Juli	620.8	615.3	11	626.4	27	6.5	12.6	7.3	8.5	0.8	8	21.2	30	85	50	74	69	26	30
August	622.6	617.8	9	628.2	26	6.0	15.0	8.5	9.5	2.2	17	20.8	29	91	48	77	72	26	17. 26
September	621.7	613.4	17	626.3	8	4.0	11.7	6.1	6.9	−1.8	27	19.0	4	92	56	83	77	33	26
Oktober	622.5	615.0	5	627.9	25	0.0	10.2	3.1	4.1	−5.8	15	14.4	25	92	53	79	75	25	15
November	621.7	609.9	13	629.2	20	−3.1	3.2	−1.7	−0.8	−11.6	26	10.0	3	89	66	86	80	37	3
Dezember	619.4	601.7	29	629.3	21	−9.5	−3.3	−8.1	−7.3	−21.2	31	3.1	9	78	63	74	72	38	14
Jahr	620.8	601.7	XII	631.2	II	−1.5	6.4	0.6	1.5	−21.2	XII	21.2	VII	86	56	77	73	25	X

St. Gotthard (Hospiz).

$\lambda = 8^\circ 34'$, $\beta = 46^\circ 33'$, $H_b = 2102.9^m$, $G = -0.14\ ^m/_m$, $h_r = 1.8^m$

Januar	588.9	580.3	21	597.7	5	−6.6	−3.8	−6.6	−5.9	−11.7	13	1.4	25	73	60	73	69	19	1
Februar	591.3	581.9	17	601.0	9	−8.0	−4.8	−7.8	−7.1	−16.6	18	2.3	10	56	51	67	58	14	15
März	591.9	578.9	18	599.4	6. 11	−3.9	−0.7	−3.8	−3.0	−12.6	18	5.4	14	72	62	74	70	19	2
April	587.0	575.5	12	594.9	29	−4.2	−0.1	−3.7	−2.9	−17.7	14	11.2	29	80	60	80	73	23	19
Mai	590.8	577.9	5	600.6	26	0.6	4.1	0.8	1.6	−6.6	5	12.4	29	78	60	74	71	24	27
Juni	595.2	588.3	25	598.8	15	4.0	7.1	4.1	4.8	−2.0	7. 28	14.8	16	79	64	80	74	21	8
Juli	592.4	585.9	11	597.7	27	3.6	7.4	4.2	4.9	−1.9	9	16.9	30	83	60	85	76	17	13
August	594.2	589.1	9	599.7	26	6.1	9.4	6.4	7.1	0.8	16	16.0	29	76	59	80	72	21	5
September	592.9	583.8	16	597.2	3. 8	3.4	6.2	3.7	4.3	−2.6	11	14.2	3	84	68	86	80	21	26
Oktober	593.3	586.4	5	598.5	25	1.8	4.4	2.2	2,6	−3.5	16	9.6	25	73	63	74	70	9	15
November	592.2	581.1	13	599.4	20.30	−2.4	−0.4	−2.0	−1.7	−6.8	26	5.5	3	79	72	78	76	21	20
Dezember	589.6	571.4	29	598.7	21	−7.2	−5.4	−7.2	−6.8	−16.7	31	2.8	3	68	63	69	67	10	22
Jahr	591.6	571.4	XII	601.0	II	−1.1	1.9	−0.8	−0.2	−17.7	IV	16.9	VII	75	62	77	71	9	X

Beobachter: **Couvent des Capucins.**

Sitten.

Bewölkung				Niederschlag		Zahl der Tage								Windverteilung								1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum Tag	●	●≥1.0	✳	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.3	6.1	4.2	5.5	69	12	18	13	12	9	—	—	2	7	7	0	6	9	5	1	8	0	0	64	Januar
3.5	2.9	1.4	2.6	9	6	2	4	2	3	—	—	1	16	4	4	8	5	1	3	13	0	1	49	Februar
5.1	4.7	3.5	4.4	54	25	31	5	5	—	—	—	0	10	5	0	11	7	1	5	16	2	0	51	März
5.4	5.0	3.5	4.6	35	10	19	7	6	2	—	—	0	8	8	0	7	7	0	2	24	0	2	48	April
4.0	5.0	3.7	4.2	20	8	1	7	3	—	—	—	0	10	6	0	1	4	2	8	18	1	0	59	Mai
3.7	4.8	4.1	4.2	25	9	24	10	7	—	—	1	0	9	3	1	1	3	0	6	37	3	1	38	Juni
5.1	4.5	4.7	4.8	34	5	22	14	9	—	—	2	0	6	5	0	3	0	0	1	31	6	5	47	Juli
4.0	4.0	3.6	3.9	34	10	19	11	9	—	—	2	0	10	5	0	3	1	0	2	18	5	1	63	August
5.2	5.2	3.8	4.7	40	12	10	12	10	—	—	2	0	5	3	0	4	10	5	2	21	11	0	37	September
4.5	4.5	2.7	3.9	21	11	29	6	3	—	—	—	1	10	4	2	4	19	1	5	13	2	2	45	Oktober
7.0	7.3	5.2	6.5	56	18	13	16	13	—	—	—	1	2	10	1	2	10	0	4	2	4	0	67	November
4.8	4.0	3.5	4.1	38	17	6	7	6	3	—	—	0	12	5	0	1	4	5	4	6	7	2	64	Dezember
4.9	4.8	3.7	4.5	435	25	III	112	85	17	—	7	5	105	65	8	51	79	20	43	207	41	14	632	Jahr

Beobachter: **G. Malatesta.**

Lugano.

5.2	4.3	4.8	4.8	18	8	15	3	3	3	—	—	3	11	9	0	4	0	1	0	0	0	0	88	Januar
4.6	2.8	2.8	3.4	6	3	19	4	3	3	—	—	8	12	5	0	3	0	1	0	1	0	0	80	Februar
6.0	4.9	5.5	5.5	222	51	22	10	10	—	—	—	8	9	11	0	6	0	3	0	1	0	0	83	März
5.6	5.6	5.5	5.6	248	56	25	17	16	—	—	2	5	8	12	5	3	0	0	0	0	0	0	82	April
4.2	4.4	4.0	4.2	150	41	17	13	13	—	—	2	0	13	8	2	6	2	0	0	0	0	0	83	Mai
4.2	2.7	3.7	3.5	127	31	6	6	6	—	—	6	0	12	3	3	14	2	0	0	1	0	0	70	Juni
3.3	2.6	4.2	3.4	182	45	7	12	12	—	—	7	0	10	5	0	10	1	0	0	0	0	0	82	Juli
4.5	3.3	3.8	3.9	197	70	5	11	10	—	—	4	0	13	5	0	5	0	0	0	0	0	0	88	August
6.4	6.3	6.2	6.3	148	32	7	14	14	—	—	2	0	8	14	1	0	0	1	0	1	1	0	86	September
6.0	5.9	5.3	5.7	266	77	8	14	13	—	—	2	1	8	12	0	0	1	1	0	0	0	0	91	Oktober
4.4	4.4	3.9	4.2	45	13	11	10	8	—	—	—	0	12	7	0	5	0	0	0	0	0	0	84	November
2.1	1.6	2.5	2.1	12	9	4	3	2	—	—	—	2	19	3	0	17	0	0	0	0	0	0	76	Dezember
4.7	4.1	4.4	4.4	1621	77	X	117	110	6	—	25	27	135	94	11	73	6	7	0	4	1	0	993	Jahr

Beobachter: **J. Camenisch.**

Bevers.

6.3	5.3	5.5	5.7	38	16	23	10	7	10	—	—	0	7	11	11	15	3	3	8	6	12	3	32	Januar
4.4	3.7	2.4	3.5	9	5	2	5	4	5	—	—	0	12	3	13	16	7	5	5	3	15	2	18	Februar
5.9	5.4	4.9	5.4	81	19	23	8	8	7	—	—	0	6	10	7	7	1	1	12	8	17	5	35	März
6.8	5.8	4.8	5.8	78	32	1	12	8	8	—	—	0	3	9	9	9	3	4	12	6	20	3	24	April
5.8	6.6	6.0	6.1	60	13	1	17	13	7	—	—	0	4	8	11	12	1	1	10	14	32	1	11	Mai
6.2	6.0	6.4	6.2	90	19	6	13	12	2	—	1	0	4	8	15	13	5	5	11	8	22	1	10	Juni
6.9	6.4	6.8	6.7	91	25	8	18	14	2	1	1	0	2	11	19	10	2	3	6	10	30	1	12	Juli
5.3	5.6	4.3	5.1	86	17	6	13	9	1	—	2	1	8	8	11	4	3	0	7	9	35	3	21	August
8.2	6.6	6.0	6.9	88	17	14	13	10	1	—	1	5	3	15	8	10	2	2	12	8	16	1	31	September
5.3	4.9	4.3	4.8	93	40	8	9	8	1	—	—	3	9	8	13	8	1	3	12	14	22	1	19	Oktober
7.4	6.9	5.5	6.6	105	26	12	14	12	11	—	—	2	3	12	13	8	2	1	9	10	16	5	26	November
5.6	5.1	4.3	5.0	27	8	5	7	5	7	—	—	0	9	10	24	14	7	1	6	8	13	4	16	Dezember
6.2	5.7	5.0	5.6	846	40	X	139	110	62	1	5	11	70	113	154	126	37	29	110	104	250	30	255	Jahr

Beobachter: **D. Dittli.**

St. Gotthard (Hospiz).

5.9	6.0	6.5	6.1	152	42	23	17	15	17	—	—	9	6	13	26	4	0	21	16	0	0	0	26	Januar
3.4	3.7	3.7	3.6	42	14	2	8	7	8	—	—	6	11	4	42	2	0	8	24	0	0	0	8	Februar
7.1	6.7	6.9	6.9	204	54	17	12	12	12	—	—	17	4	14	34	1	0	17	31	0	0	0	10	März
7.4	7.7	8.5	7.9	269	67	1	20	19	17	—	—	15	1	19	30	0	0	14	26	0	1	2	17	April
6.6	7.4	7.3	7.1	218	51	10	20	19	14	—	—	20	4	17	41	3	2	16	17	0	0	0	14	Mai
7.2	6.5	7.9	7.2	112	25	27	13	11	4	—	—	14	2	15	45	1	0	7	19	0	0	0	18	Juni
7.4	6.5	7.8	7.2	89	10	$^{8,15}_{19}$	19	17	5	—	—	18	1	14	56	12	0	0	11	0	0	1	13	Juli
5.8	5.8	6.5	6.0	126	25	29	15	13	—	—	—	15	6	12	47	6	0	4	18	0	0	0	18	August
7.3	7.3	8.5	7.7	285	63	14	20	19	10	—	—	18	1	19	26	0	0	17	36	0	0	1	10	September
6.4	6.1	7.2	6.6	400	80	28	17	16	10	—	—	15	7	15	18	2	0	28	33	0	0	0	12	Oktober
7.1	7.4	6.9	7.1	275	94	12	17	16	17	—	—	13	3	16	29	8	1	12	23	0	0	0	17	November
4.8	5.8	6.1	5.6	176	29	6	18	18	18	—	—	6	8	11	57	4	1	17	8	0	0	0	6	Dezember
6.4	6.4	7.0	6.6	2348	94	XI	196	182	132	—	—	166	54	169	451	43	4	161	262	0	1	4	169	Jahr

Sargans.

$\lambda = 9°26'$, $\beta = 47°3'$, $H_b = 506.7^m$, $G = 0.06\ ^m/_m$, $h_r = 1.2^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	717.5	706.3	21	725.9	6	−0.4	3.6	1.0	1.3	−5.8	4	10.7	5	78	67	81	75	33	1
Februar	721.4	710.7	27	732.0	9	−1.4	4.8	0.2	1.0	−6.6	19	9.6	26	73	54	70	66	30	18
März	719.0	706.8	17	731.9	9	4.3	12.2	7.3	7.7	−2.5	2	21.4	31	68	48	60	58	18	30
April	713.8	702.7	12	721.4	2	6.1	12.9	7.6	8.6	−5.5	14	25.7	30	72	53	69	65	27	30
Mai	716.2	705.1	4	724.8	24	10.4	18.4	11.5	12.9	3.7	5	28.4	31	79	50	72	67	33	17
Juni	720.2	715.5	1	725.4	28	13.6	20.1	14.4	15.6	7.2	28	28.3	17	78	55	80	71	30	5
Juli	717.3	712.0	6	722.5	18	12.3	18.6	13.7	14.6	7.0	9	28.5	14	84	61	80	75	40	13.14
August	718.3	713.5	6	724.0	26	13.2	21.0	14.8	15.9	9.0	17	27.5	29	88	57	82	76	37	5
September	717.4	707.3	14	722.7	22	11.1	18.1	12.5	13.6	6.0	28	25.6	3	86	59	82	76	30	16
Oktober	717.9	707.2	8	726.6	13	8.6	16.9	11.1	11.9	1.4	21	22.2	22	79	49	72	67	17	21
November	719.5	707.1	13	729.0	19	5.5	9.5	6.3	6.9	0.5	27	17.6	12	81	68	80	76	39	11
Dezember	719.5	700.1	28	730.2	21	−0.3	2.9	0.1	0.7	−6.6	22	13.7	4	78	69	80	76	35	4
Jahr	718.2	700.1	XII	732.0	II	6.9	13.3	8.4	9.3	−6.6	II.XII	28.5	VII	79	58	76	71	17	X

Heiden.

$\lambda = 9°32'$, $\beta = 47°27'$, $H_b = 796.7^m$, $G = 0.04\ ^m/_m$, $h_r = 1.7^m$

Januar	692.4	680.9	21	700.5	6	−1.2	1.8	−0.5	−0.1	−6.4	15	8.0	25	84	75	82	80	25	1
Februar	696.5	686.2	2	706.8	9	−3.8	1.8	−2.3	−1.6	−11.8	23	8.0	11	78	60	78	72	37	13
März	694.4	683.1	17	706.4	9	3.1	8.5	4.9	5.4	−6.6	2	19.2	31	75	59	70	68	12	30
April	689.8	677.1	12	696.3	29	4.9	9.4	4.4	5.8	−10.0	13	21.5	29.30	75	62	79	72	29	4
Mai	692.4	681.7	4	700.9	24	9.7	14.6	8.7	10.4	1.8	11	25.4	30	73	56	79	69	29	30
Juni	696.6	692.1	25	701.0	28	12.2	16.0	11.5	12.8	6.2	7	23.0	4	78	61	79	73	38	17
Juli	693.6	688.2	6. 7	698.4	18	11.9	16.0	11.2	12.6	5.4	9	24.0	14	78	61	85	75	43	1
August	694.8	688.4	6	700.2	26	12.4	17.5	12.0	13.5	7.8	8	23.0	5	85	60	87	77	36	5
September	693.7	683.6	17	698.1	21	10.1	14.0	10.0	11.0	4.8	11	21.7	3	86	71	86	81	44	29
Oktober	693.8	684.1	8	703.0	13	8.2	14.2	9.0	10.1	−0.4	14	23.0	8	79	57	74	70	22	21
November	694.9	682.7	13	704.3	19	4.6	8.1	5.0	5.7	−2.0	26	13.6	1	86	74	83	81	43	22
Dezember	694.5	675.6	28	704.4	21	−1.4	1.7	−1.3	−0.6	−9.8	19	12.0	1	82	74	85	80	21	27
Jahr	694.0	675.6	XII	706.8	II	5.9	10.3	6.1	7.1	−11.8	II	25.4	V	80	64	81	75	12	III

St. Gallen.

$\lambda = 9°23'$, $\beta = 47°26'$, $H_b = 702.0^m$, $G = 0.06\ ^m/_m$, $h_r = 1.4^m$

Januar	700.5	689.0	21	708.5	6	−1.3	1.3	−0.9	−0.5	−6.6	15	6.8	25	84	80	83	82	43	20
Februar	704.6	695.1	27	714.9	9	−2.8	2.6	−1.5	−0.8	−9.4	17	9.2	6	76	60	71	69	29	25
März	702.4	690.6	17	714.8	9	3.4	9.6	5.1	5.8	−5.0	2	21.6	31	73	57	66	65	11	30
April	697.8	685.3	12	704.6	2	5.2	9.8	5.3	6.4	−7.7	13	20.4	30	77	60	75	71	33	16
Mai	700.3	689.4	4	708.8	24	9.9	15.2	9.3	10.9	2.7	20	27.0	30	74	55	75	68	29	16
Juni	704.5	699.3	1	709.1	28	12.8	17.1	12.3	13.6	7.7	26	26.9	1	74	57	72	68	27	10
Juli	701.7	695.9	7	706.9	21	12.4	16.5	11.9	13.2	6.4	9	23.0	14	78	62	78	73	42	1
August	702.6	696.9	6	708.2	26	12.8	17.9	12.9	14.1	9.2	7	23.7	24	77	56	77	70	38	5
September	701.5	691.6	17	706.0	22	10.3	14.7	10.7	11.6	5.6	27	21.9	3	85	65	84	78	47	2
Oktober	701.6	691.7	8	711.1	13	8.2	13.2	8.8	9.7	0.5	14	20.2	28	78	60	78	72	26	28
November	702.9	690.0	13	712.4	19	4.9	8.2	5.3	5.9	−1.0	26	14.0	2. 3	81	72	79	77	45	14
Dezember	702.5	683.5	28	712.6	21	−0.7	2.2	−0.5	0.1	−8.3	23	12.4	1	78	70	80	76	18	27
Jahr	701.9	683.5	XII	714.9	II	6.3	10.7	6.6	7.5	−9.4	II	27.0	V	78	63	76	72	11	III

Kreuzlingen.

$\lambda = 9°11'$, $\beta = 47°39'$, $H_b = 426.8^m$, $G = 0.11\ ^m/_m$, $h_r = 1.4^m$

Januar	725.0	713.4	21	733.8	6	−0.4	1.8	0.5	0.6	−5.2	1	7.7	25	92	83	89	88	54	21
Februar	729.3	718.4	27	740.4	9	−2.3	4.3	0.3	0.7	−8.5	20	8.5	26	85	63	77	75	38	25
März	726.5	714.1	17	739.6	9	2.9	10.7	5.9	6.3	−4.0	2	22.2	31	86	61	77	75	32	31
April	721.2	707.9	12	728.6	2	5.8	11.8	7.3	8.0	−4.5	14	22.2	25	84	61	76	74	35	21
Mai	723.8	714.4	5	733.0	26	9.8	17.5	10.8	12.2	3.1	8	26.5	30.31	86	52	82	73	34	26
Juni	727.9	721.7	1	732.9	28	13.4	19.5	14.4	15.5	9.5	28	28.1	17	80	54	78	71	28	8
Juli	724.6	718.9	6	730.2	1	13.0	18.4	14.0	14.9	9.0	9	25.6	29	84	59	82	75	40	26
August	725.7	719.5	6	731.9	26	13.4	20.2	14.6	15.7	9.9	8	25.6	5	88	56	83	76	36	17
September	724.9	714.3	17	730.0	22	11.1	16.6	12.3	13.1	5.6	24	25.0	1	93	63	90	82	45	9
Oktober	725.3	714.9	29	735.6	13	8.6	13.3	8.8	9.9	1.2	15	19.4	9	94	69	88	84	45	14
November	726.9	713.5	13	737.2	19	5.9	8.7	6.3	6.8	−0.4	20	14.2	5	92	78	89	86	50	14
Dezember	727.2	707.4	28	738.7	21	0.3	2.9	1.1	1.3	−6.0	24	11.2	4	85	73	80	80	35	27
Jahr	725.7	707.4	XII	740.4	II	6.8	12.1	8.0	8.7	−8.5	II	28.1	VI	87	65	83	78	28	VI

Beobachter: **J. A. Albrecht.**

Sargans.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● ✱	●✱ ≧1.0	✱	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
7.4	6.5	6.5	6.8	89	24	23	15	13	9	—	1	5	4	15	0	0	15	10	13	0	18	2	35	Januar
3.9	3.9	3.0	3.6	35	19	2	6	4	5	—	—	1	14	3	0	0	20	3	8	1	9	0	43	Februar
5.1	5.3	3.9	4.8	49	15	8	8	7	4	—	—	1	10	4	0	0	7	2	23	0	30	0	31	März
6.4	6.9	5.3	6.2	90	25	11	13	11	3	—	—	0	3	9	0	2	3	3	14	0	25	0	43	April
5.8	6.2	5.5	5.8	94	12	23	17	15	—	—	1	1	5	8	0	0	6	1	21	0	23	0	42	Mai
6.1	6.4	6.5	6.3	156	41	27	18	16	—	—	—	0	3	13	0	0	3	0	8	0	30	0	49	Juni
7.5	6.8	7.0	7.1	199	31	15	23	23	—	—	2	0	1	16	0	0	13	2	3	1	27	0	47	Juli
4.9	5.0	5.3	5.1	147	23	20	18	15	—	—	2	3	10	9	0	0	11	3	3	0	17	0	59	August
5.4	5.4	6.0	5.6	89	20	10	14	12	—	—	2	2	6	10	0	0	11	2	12	0	17	0	48	September
4.4	3.9	4.3	4.2	60	34	8	6	5	—	—	—	2	10	5	0	0	7	3	25	0	12	0	46	Oktober
7.1	6.5	6.4	6.7	157	39	16	17	13	1	—	—	2	3	11	0	0	4	1	14	0	19	0	52	November
6.9	6.2	6.4	6.5	103	23	5	14	12	8	—	—	3	5	15	0	0	4	2	10	0	14	0	63	Dezember
5.9	5.8	5.5	5.7	1268	41	VI	169	146	30	—	8	20	74	118	0	2	104	32	154	2	241	2	558	Jahr

Beobachter: **J. J. Niederer.**

Heiden.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● ✱	●✱ ≧1.0	✱	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.7	6.1	5.6	6.1	107	20	26	12	11	10	—	—	10	3	10	10	1	3	3	7	9	16	0	44	Januar
3.5	3.4	2.3	3.1	43	19	27	6	6	5	—	—	1	14	4	7	8	1	0	6	3	12	1	46	Februar
5.0	4.9	3.5	4.5	99	30	23	10	9	6	—	—	0	11	5	6	0	0	2	20	7	17	5	36	März
6.2	6.0	4.8	5.7	111	24	1	13	12	9	—	1	1	4	9	11	5	2	1	11	3	10	8	39	April
5.3	5.2	4.5	5.0	129	26	30	20	18	1	—	6	1	5	6	13	3	2	2	9	3	21	5	35	Mai
6.0	5.7	5.5	5.7	205	31	27	16	16	—	—	7	1	5	12	18	2	1	0	4	6	20	16	23	Juni
5.9	5.8	6.6	6.1	248	62	8	20	18	—	—	3	0	4	11	21	2	7	0	4	1	29	12	17	Juli
5.0	4.6	4.5	4.7	245	34	6	17	16	—	—	7	2	10	9	21	7	0	2	4	5	10	11	33	August
6.5	5.6	5.6	5.9	131	42	10	14	12	—	—	6	5	4	12	12	5	3	3	3	2	11	9	42	September
4.8	4.5	3.7	4.3	48	30	8	5	4	—	—	—	1	6	3	13	3	2	0	26	2	3	3	51	Oktober
7.6	7.1	5.8	6.8	196	36	27	19	18	1	—	—	0	3	13	5	0	1	2	9	7	17	5	44	November
7.3	6.9	6.4	6.9	132	31	6	17	17	14	—	—	4	4	16	5	0	0	0	4	3	31	1	49	Dezember
5.8	5.5	4.9	5.4	1694	62	VII	169	157	46	—	30	26	73	110	142	36	22	15	107	51	197	76	459	Jahr

Beobachter: **J. G. Kessler.**

St. Gallen.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● ✱	●✱ ≧1.0	✱	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.1	7.6	7.5	7.7	97	16	13	17	13	15	—	—	12	2	19	0	0	2	0	1	19	1	1	69	Januar
4.9	4.7	3.8	4.5	32	10	2	5	5	4	—	—	3	9	6	0	11	4	0	1	8	2	2	56	Februar
6.2	5.7	4.1	5.3	83	20	23	9	8	5	—	—	2	9	11	2	7	3	7	1	12	3	4	54	März
6.6	6.4	6.0	6.3	101	16	12	14	14	10	—	1	2	6	15	5	10	4	4	10	4	4	2	47	April
6.3	5.8	5.4	5.8	81	13	10	18	16	1	—	1	3	4	10	12	2	5	2	10	9	3	6	44	Mai
6.9	6.3	6.2	6.5	155	30	27	16	15	—	—	2	0	4	16	1	3	9	1	14	5	4	4	49	Juni
6.9	6.8	6.7	6.8	185	42	8	18	16	—	—	3	3	4	16	0	3	4	0	12	7	6	4	57	Juli
5.9	5.4	4.9	5.4	169	34	19	16	16	—	1	5	2	11	9	3	2	15	0	9	2	7	1	54	August
7.6	6.2	6.1	6.6	128	30	10	16	11	—	—	2	8	2	11	3	2	9	0	8	5	2	3	58	September
6.8	5.5	4.2	5.5	37	19	8	5	3	—	—	—	6	7	9	4	7	6	7	2	2	4	3	58	Oktober
8.1	8.1	6.6	7.6	142	27	16	19	15	1	—	—	3	1	18	0	1	0	0	3	22	3	2	59	November
7.8	7.5	7.4	7.6	104	23	6	19	15	14	—	—	5	2	17	6	5	1	0	3	24	6	0	48	Dezember
6.8	6.3	5.7	6.3	1314	42	VII	172	147	50	1	14	49	61	157	36	53	62	21	74	119	45	32	653	Jahr

Beobachter: **R. Müller.**

Kreuzlingen.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● ✱	●✱ ≧1.0	✱	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.5	8.7	8.8	9.0	71	13	11	14	13	4	—	—	8	0	24	0	1	3	0	0	0	28	2	59	Januar
4.8	4.1	2.9	3.9	19	6	1	7	5	1	—	—	5	12	5	5	14	11	0	0	0	13	0	41	Februar
6.4	5.5	3.3	5.1	61	18	23	12	8	3	—	—	3	6	7	0	4	8	0	1	2	42	0	36	März
6.3	5.2	5.3	5.6	64	11	19	11	10	3	—	1	1	7	10	2	11	7	1	0	0	24	1	44	April
5.7	5.3	5.1	5.4	42	12	10	14	10	—	—	2	1	7	9	1	6	8	0	0	1	22	1	54	Mai
6.4	5.6	5.8	5.9	103	23	19	13	11	—	—	3	0	6	11	0	6	1	0	0	0	30	1	52	Juni
7.0	6.5	6.9	6.8	106	26	8	19	16	—	—	—	1	3	15	0	0	1	1	1	3	25	2	60	Juli
6.0	4.4	4.8	5.1	97	24	5	12	11	—	—	2	5	9	10	1	3	4	1	0	2	16	3	63	August
8.0	5.9	5.9	6.6	78	19	10	12	10	—	—	1	4	1	10	1	7	8	2	0	1	20	2	49	September
8.8	6.3	5.2	6.8	21	8	5	6	4	—	—	—	13	1	10	0	2	1	0	0	1	12	0	77	Oktober
9.1	8.4	7.5	8.3	86	15	12	17	14	—	—	—	6	0	18	1	0	5	0	0	0	43	0	41	November
8.9	7.2	8.1	8.1	38	13	6	11	9	7	—	—	2	0	20	3	3	4	0	0	2	44	2	35	Dezember
7.2	6.1	5.8	6.4	786	26	VII	148	121	18	—	9	49	52	149	14	57	61	5	2	12	319	14	611	Jahr

Frauenfeld.

$\lambda = 8°\,54'$, $\beta = 47°\,34'$, $H_b = 424.8^{m}$, $G = 0.11\ ^{m}/_{m}$, $h_r = 7.1^{m}$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	725.3	713.0	21	734.2	6	−1.1	1.5	−0.4	−0.1	−6.2	1	7.4	24	92	82	80	88	58	21
Februar	729.5	719.0	2	740.2	9	−3.7	3.2	−0.6	−0.4	−10.0	20.25	9.0	4	93	64	81	79	30	13
März	726.6	714.4	17	739.8	9	2.2	10.5	5.1	5.7	−3.5	3	20.6	31	92	55	84	77	33	31
April	721.7	708.9	12	731.3	2	5.3	11.8	6.9	7.7	−5.4	14	22.5	30	86	55	81	74	38	$\frac{16.27}{30}$
Mai	723.9	713.4	4	732.8	24	9.0	17.4	11.0	12.1	1.7	8	27.7	30	89	51	83	74	35	21
Juni	728.0	721.4	1	733.4	28	13.0	19.7	14.4	15.4	8.8	8	27.1	3	84	55	79	73	30	17
Juli	724.9	719.0	7	729.8	1	12.0	19.4	14.0	14.9	8.4	1	27.8	14	89	54	84	76	35	27
August	725.9	720.5	6	732.0	26	11.6	20.2	14.5	15.2	6.6	11	25.2	5	95	55	88	79	36	11
September	725.1	714.7	17	730.1	22	10.1	16.7	11.6	12.5	4.5	12	23.4	4	98	61	93	84	46	1. 19
Oktober	725.5	715.5	29	735.6	13	6.3	13.0	8.2	8.9	−1.3	15	18.0	3	96	68	95	86	49	13
November	727.1	713.7	13	736.8	19	5.0	8.6	5.7	6.3	−1.0	23	14.6	5	93	79	93	88	54	14
Dezember	727.3	707.5	28	738.9	21	−0.2	2.7	0.5	0.8	−7.5	24	9.8	4	88	75	87	83	38	27
Jahr	725.9	707.5	XII	740.2	II	5.8	12.1	7.6	8.3	−10.0	II	27.8	VII	91	63	86	80	30	II. VI

Winterthur.

$\lambda = 8°\,44'$, $\beta = 47°\,30'$, $H_b = 445.3^{m}$, $G = 0.10\ ^{m}/_{m}$, $h_r = 1.6^{m}$

Januar	723.5	711.6	21	732.1	6	−0.7	1.7	0.0	0.3	−6.0	1	7.2	21	93	86	91	70	56	21
Februar	727.7	717.1	2	738.1	9	−2.8	3.6	−0.3	0.1	−8.7	25	8.3	6	83	67	76	75	35	13
März	724.9	713.3	17	737.9	9	2.8	10.4	5.4	6.0	−3.1	2	20.6	31	87	56	84	76	31	31
April	720.1	707.5	12	727.3	2	5.7	11.2	7.4	8.0	−4.7	14	22.2	30	83	59	81	74	35	16
Mai	722.2	712.1	4	730.8	24	10.5	16.3	11.1	12.2	4.1	8	25.9	30	81	58	88	76	40	30
Juni	726.3	720.0	1	731.6	28	13.9	18.3	14.7	15.4	10.1	26	25.2	18	80	64	81	75	40	17
Juli	723.3	717.8	6	728.4	18	12.9	17.6	14.2	14.8	9.4	10	24.7	14	85	65	86	79	42	1
August	724.3	718.7	6	730.2	26	13.1	19.3	14.6	15.4	9.4	11	24.4	5	89	64	91	81	45	1
September	723.5	713.6	14	728.4	22	10.8	15.8	12.1	12.7	6.2	12	22.4	1. 3	93	73	92	86	60	1. 20
Oktober	723.8	714.0	29	733.6	13	6.9	12.8	8.4	9.2	1.6	15	17.2	3	95	75	95	88	51	12
November	725.5	712.1	13	735.0	19	5.4	8.6	6.2	6.6	−0.2	23	14.2	3	92	81	92	88	54	14
Dezember	725.7	705.9	28	736.5	21	0.4	3.1	1.0	1.4	−5.8	20	9.4	4	84	73	81	79	37	27
Jahr	724.2	705.9	XII	738.1	II	6.6	11.6	7.9	8.5	−8.7	II	25.9	V	87	68	86	79	31	III

Haidenhaus.

$\lambda = 9°\,0'$, $\beta = 47°\,39'$, $H_b = 694.4^{m}$, $G = 0.07\ ^{m}/_{m}$, $h_r = 1.7^{m}$

Januar	701.9	690.1	21	710.1	6	−1.4	0.5	−1.0	−0.7	−6.2	30	4.5	24	93	89	93	92	57	7
Februar	706.0	696.0	2	715.8	8. 9	−2.4	1.9	−0.9	−0.6	−10.6	19	8.8	6	84	68	77	76	38	13
März	703.8	692.1	17	716.3	9	3.1	8.6	5.0	5.4	−6.0	2	19.8	31	84	62	78	75	33	30
April	699.1	686.3	12	706.0	2	5.4	9.3	5.7	6.5	−5.4	13	20.6	30	79	61	77	72	38	6
Mai	701.5	691.4	4. 5	710.2	24	10.3	14.9	9.8	11.2	3.2	7	24.6	29. 30	78	59	80	72	40	21
Juni	705.7	700.3	1	710.3	28	13.1	17.2	12.6	13.9	8.2	26	24.6	3	76	61	80	72	34	4
Juli	702.7	697.2	6	707.5	17	12.5	16.5	12.1	13.3	7.2	9	24.2	14	83	65	84	77	43	2
August	703.8	698.1	6	709.4	26	13.4	18.1	13.7	14.8	9.0	10	23.2	24	81	62	79	74	40	22
September	702.8	692.8	17	707.7	21	10.6	14.7	11.1	11.9	5.0	27	21.9	3	93	73	90	85	57	1
Oktober	703.0	693.5	29	712.7	13	7.7	12.5	8.7	9.4	0.6	14	18.0	29	92	73	88	84	40	20
November	704.2	691.5	13	713.5	19	4.7	7.3	5.5	5.8	−1.6	21	13.2	1	97	89	92	93	63	19
Dezember	703.9	684.6	28	714.3	21	−1.2	1.0	−0.9	−0.5	−7.2	23	8.2	1	92	84	91	89	40	27
Jahr	703.3	684.6	XII	716.3	III	6.3	10.2	6.8	7.5	−10.6	II	24.6	V. VI	86	71	84	80	33	III

Lohn.

$\lambda = 8°\,40'$, $\beta = 47°\,45'$, $H_b = 633^{m}$, $G = 0.08\ ^{m}/_{m}$, $h_r = 1.6^{m}$

Januar	707.1	695.2	21	715.2	6	−1.9	0.3	−1.1	−1.0	−6.8	1	5.2	31	93	87	90	90	72	15
Februar	711.3	701.4	2	721.7	9	−2.2	3.2	0.0	0.2	−9.7	19	8.4	6	82	66	71	73	39	25
März	708.7	697.5	19	721.2	9	3.3	9.4	5.8	6.1	−4.6	2	20.4	31	83	61	75	73	31	30
April	704.0	691.2	12	711.1	2	5.5	10.7	6.9	7.5	−3.8	12. 13	23.5	30	83	60	73	72	34	27
Mai	706.5	696.5	4	715.1	24	10.2	16.6	10.9	12.2	3.8	6	27.0	31	83	57	75	72	37	27
Juni	710.6	705.2	1	715.3	28	13.1	19.0	13.9	15.0	8.4	25	28.4	17	82	60	74	72	39	8.15.17
Juli	707.5	701.7	6	712.4	18	13.0	17.5	13.2	14.2	8.6	10	25.2	14	87	63	78	76	41	1. 14
August	708.7	702.7	6	714.5	26	13.4	19.9	14.9	15.8	8.8	10	27.3	5	82	58	75	72	41	5
September	707.7	698.2	17	712.4	22	10.4	16.3	12.0	12.7	5.8	27	24.4	4	90	67	84	81	50	1
Oktober	707.8	698.7	8. 29	717.7	13	7.9	13.5	9.4	10.1	0.6	15	19.5	3	90	69	85	81	45	3. 12
November	709.0	696.0	13	718.9	19	4.9	7.2	5.8	5.9	0.8	20	13.9	3	91	84	88	88	64	2. 8
Dezember	709.0	689.7	28	719.7	21	−1.4	0.9	−0.7	−0.5	−7.2	22	7.7	4	89	82	84	85	42	27
Jahr	708.2	689.7	XII	721.7	II	6.4	11.2	7.6	8.2	−9.7	19	28.4	VI	86	68	79	78	31	III

Beobachter: **Cl. Hess.**

Frauenfeld.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.6	8.7	8.8	9.0	76	16	31	11	11	6	—	—	11	0	25	0	4	5	3	3	12	10	0	56	Januar
5.4	4.7	3.2	4.4	25	8	8	6	5	1	—	—	8	9	8	1	13	8	1	0	10	2	0	49	Februar
6.7	5.0	4.6	5.4	74	18	23	8	8	2	—	—	8	7	10	3	7	3	0	1	23	6	4	46	März
6.9	6.3	6.1	6.4	56	8	12	11	11	3	—	1	1	5	12	1	19	0	1	0	15	7	5	42	April
5.9	5.8	5.6	5.8	68	22	28	14	10	—	—	3	3	5	10	0	14	1	1	0	7	10	3	57	Mai
6.2	6.4	5.9	6.2	136	21	5	15	15	—	4	5	2	4	10	3	9	0	0	1	11	14	5	47	Juni
7.3	6.4	6.8	6.8	114	24	8	17	17	—	—	2	3	2	15	0	5	0	3	0	10	7	5	63	Juli
6.0	5.4	4.3	5.2	105	21	20	11	9	—	1	2	10	8	9	2	10	1	0	1	8	1	4	66	August
9.0	5.7	5.8	6.8	88	19	10	12	11	—	1	2	11	1	11	1	14	2	0	0	14	1	3	55	September
8.8	6.3	5.9	7.0	20	6	4	5	4	—	—	—	20	1	15	0	9	1	1	0	17	1	1	63	Oktober
9.2	8.6	8.5	8.8	99	17	12	15	14	—	—	—	10	0	21	1	2	0	0	1	21	8	0	57	November
9.0	7.9	8.1	8.3	47	13	6	12	9	6	—	—	7	0	20	0	5	5	0	1	25	12	1	44	Dezember
7.5	6.5	6.1	6.7	908	24	VII	137	124	18	6	15	94	42	166	12	111	26	10	8	173	79	31	645	Jahr

Beobachter: **Fr. Krebs.**

Winterthur.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.2	8.1	8.7	8.7	97	16	21	15	15	8	—	—	8	0	21	1	7	2	0	0	18	9	0	56	Januar
4.7	3.8	4.0	4.2	29	9	8	6	6	2	—	—	4	9	6	2	12	7	1	0	6	6	0	50	Februar
5.9	4.8	4.7	5.1	81	19	21	9	7	3	—	—	1	6	6	1	6	3	0	1	19	12	0	51	März
6.4	5.6	6.2	6.1	62	12	19	12	11	3	—	1	3	3	11	2	10	4	3	1	15	6	2	47	April
5.4	4.8	5.1	5.1	54	14	18	16	10	—	—	5	2	7	7	0	13	5	0	0	15	10	4	46	Mai
5.9	5.5	6.7	6.0	110	19	20	15	12	—	—	4	0	8	14	1	7	2	0	0	20	11	4	45	Juni
6.5	6.1	7.0	6.5	96	21	8	16	15	—	—	3	1	5	13	0	7	0	0	1	17	18	3	47	Juli
5.0	4.1	4.5	4.5	116	32	6	15	13	—	—	2	2	9	7	2	8	2	0	0	7	8	3	63	August
8.9	4.9	6.2	6.7	97	26	10	13	11	—	—	1	11	0	8	3	11	1	0	0	7	2	2	64	September
7.9	4.7	6.0	6.2	22	7	4	7	5	—	—	—	14	3	10	2	8	1	0	0	4	4	0	74	Oktober
8.9	7.0	8.6	8.2	130	25	12	17	15	—	—	—	6	0	19	0	0	0	0	0	25	10	2	53	November
8.1	7.1	7.7	7.6	61	20	6	15	9	7	—	—	3	3	18	0	7	4	0	0	24	20	0	38	Dezember
6.9	5.5	6.3	6.2	955	32	VIII	156	129	23	—	16	55	53	140	14	96	31	4	3	177	116	20	634	Jahr

Beobachter: **C. Herzog.**

Haidenhaus.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.5	7.5	7.5	7.8	62	11	31	14	12	12	—	—	15	2	18	0	3	4	2	10	17	0	0	57	Januar
4.2	4.7	3.2	4.0	19	4	8	5	5	4	—	—	2	11	5	1	17	3	1	8	6	0	0	48	Februar
6.3	5.3	3.8	5.1	78	21	23	9	8	4	—	—	3	6	6	1	4	3	1	14	19	1	1	49	März
6.2	6.0	5.8	6.0	57	11	17	11	9	5	—	1	4	2	7	0	6	4	0	4	9	2	1	64	April
5.4	5.0	4.8	5.1	49	12	18	15	12	—	—	1	2	7	6	1	6	2	0	9	8	1	3	63	Mai
5.8	5.3	5.8	5.6	114	28	19	17	12	—	—	5	3	4	9	2	3	2	1	8	15	0	0	59	Juni
6.8	6.2	6.5	6.5	124	23	8	19	15	—	—	3	6	4	13	2	1	0	0	6	6	2	0	76	Juli
5.1	4.1	3.6	4.3	87	27	6	12	12	—	—	2	9	9	5	2	4	1	0	7	4	2	5	68	August
7.4	5.5	5.9	6.3	75	21	10	13	9	—	—	3	14	0	7	1	3	1	1	5	2	1	2	74	September
7.2	5.2	3.9	5.4	26	7	5	8	6	—	—	—	8	3	5	2	3	1	1	3	14	0	0	69	Oktober
8.3	8.3	7.3	8.0	81	14	12	17	15	—	—	—	11	0	17	1	0	1	1	13	23	1	0	50	November
8.3	7.3	6.9	7.5	44	10	27	15	9	9	—	—	12	2	16	1	4	0	0	10	25	2	0	51	Dezember
6.6	5.9	5.4	6.0	816	28	VI	155	124	34	—	15	89	50	114	14	54	22	8	97	148	12	12	728	Jahr

Beobachter: Frl. **H. Brühlmann.**

Lohn.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.6	8.4	8.2	8.4	74	12	21	13	13	8	—	—	10	1	23	3	10	0	0	1	19	9	0	51	Januar
4.3	4.6	2.4	3.8	31	17	1	5	5	3	—	—	3	11	5	4	33	1	0	2	10	1	0	33	Februar
6.1	5.9	3.5	5.2	90	22	17	8	8	3	—	—	1	7	7	6	11	0	0	4	20	12	1	39	März
6.8	7.1	5.8	6.6	51	14	17	9	9	2	—	1	1	3	11	5	17	7	2	1	6	16	2	34	April
4.8	6.1	5.5	5.5	45	11	10	12	10	—	—	1	0	7	10	6	28	5	0	3	16	14	3	18	Mai
6.3	6.5	5.7	6.2	61	34	19	9	8	—	—	1	1	6	13	5	18	5	1	2	8	19	12	20	Juni
6.5	7.7	7.0	7.1	112	17	8	17	17	—	—	2	2	4	17	6	7	0	2	4	8	30	5	31	Juli
4.7	5.6	4.6	5.0	75	14	5	11	11	—	—	2	2	9	8	13	20	3	0	5	7	7	14	24	August
6.7	6.5	5.2	6.1	63	14	15	11	10	—	—	2	6	3	9	12	19	0	1	31	7	6	9	5	September
7.3	6.5	4.7	6.2	26	6	15	9	8	—	—	—	8	4	10	11	32	0	3	1	3	7	2	34	Oktober
9.0	9.1	7.5	8.5	90	28	12	14	12	—	—	—	8	0	22	0	3	0	0	0	14	18	4	51	November
8.6	7.6	6.7	7.6	40	17	5	10	7	7	—	—	5	2	18	1	9	0	0	2	8	37	7	29	Dezember
6.7	6.8	5.6	6.4	758	34	VI	128	118	23	—	9	47	57	153	72	207	21	9	56	126	176	59	369	Jahr

Unter-Hallau.

$\lambda = 8°27'$, $\beta = 47°42'$, $H_b = 449.5^m$, $G = 0.10$ ‰, $h_r = 1.3^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	723.0	710.2	21	732.8	6	−1.0	1.5	−0.2	0.0	−4.6	1	7.3	31	90	80	87	86	60	19
Februar	727.0	715.6	2	737.9	9	−2.3	3.5	−0.1	0.3	−9.5	20	8.1	4	80	64	71	72	35	13
März	724.6	712.8	19	737.4	9	2.3	10.3	5.7	6.0	−4.5	2	20.2	30	85	55	72	71	31	30
April	719.7	706.0	12	726.6	2	5.3	11.7	7.7	8.1	−4.3	14	23.2	30	82	54	69	68	37	30
Mai	721.9	711.9	4. 5	730.2	26	10.4	17.4	12.0	13.0	3.8	4	27.2	30	80	52	74	69	34	29
Juni	725.9	720.0	1	731.8	28	13.4	19.5	14.8	15.6	9.3	7	28.3	18	79	56	75	70	25	10
Juli	722.7	717.3	6	727.9	18	12.9	18.3	14.2	14.9	10.0	9	26.1	14	83	57	78	73	39	29
August	724.0	718.1	6	730.0	26	12.8	20.1	15.4	15.9	8.4	17	25.8	4	85	56	78	73	38	4
September	723.1	713.3	14	727.9	22	10.3	16.8	12.2	12.9	6.2	16.24	23.9	4	88	62	87	79	48	21
Oktober	723.4	713.7	8	733.4	13	7.1	13.1	8.6	9.4	0.7	15	18.2	3	93	69	88	83	42	13
November	724.9	712.3	13	734.0	19	5.5	8.2	6.3	6.6	0.1	20	13.5	2	91	80	91	87	60	8
Dezember	725.1	704.7	28	736.3	21	−0.4	1.9	0.1	0.4	−6.8	22	9.8	27	89	78	86	84	33	27
Jahr	723.8	704.7	XII	737.9	II	6.5	11.9	8.1	8.6	−9.5	II	28.3	VI	85	64	78	76	25	VI

Bachtel.

$\lambda = 8°52'$, $\beta = 47°17'$, $H = 1120^m$, $G = —$ ‰, $h_r = 1.5^m$

Januar	—	—	—	—	—	−0.4	1.0	0.0	0.2	−5.0	23	5.3	4	72	73	72	72	17	1
Februar	—	—	—	—	—	−2.2	0.6	−1.6	−1.2	−10.1	22	8.2	10	62	60	62	61	7	10
März	—	—	—	—	—	2.0	6.2	3.1	3.6	−6.2	2	17.1	31	72	59	66	66	12	30
April	—	—	—	—	—	2.8	6.3	3.5	4.0	−8.4	13	19.1	27	76	67	73	72	24	4
Mai	—	—	—	—	—	8.0	12.2	8.0	9.0	−0.1	5	23.0	30	74	62	69	68	30	30
Juni	—	—	—	—	—	10.1	13.3	10.4	11.0	4.3	28	22.5	1	79	70	73	74	29	1
Juli	—	—	—	—	—	9.6	12.9	10.0	10.6	4.3	9	23.3	14	80	67	81	76	33	14
August	—	—	—	—	—	11.3	14.8	12.2	12.6	6.0	10	21.4	29	78	66	71	72	28	29
September	—	—	—	—	—	8.9	12.1	9.4	9.9	4.3	21	20.2	3	82	76	83	80	47	29
Oktober	—	—	—	—	—	8.0	11.1	8.4	9.0	0.2	14	18.2	25	65	58	69	64	21	25
November	—	—	—	—	—	3.3	5.3	3.9	4.1	−1.2	26	10.5	23	83	80	80	81	23	20
Dezember	—	—	—	—	—	−2.2	−0.6	−1.6	−1.5	−10.0	31	8.4	1	75	74	81	77	20	3. 23
Jahr	—	—	—	—	—	4.9	7.9	5.5	5.9	−10.1	II	23.3	VII	75	68	73	72	7	II

Glarus.

$\lambda = 9°4'$, $\beta = 47°3'$, $H_b = 479.6^m$, $G = 0.06$ ‰, $h_r = 1.6^m$

Januar	720.4	709.1	21	729.0	6	−1.5	1.9	−0.4	−0.1	−6.9	9	4.9	6	91	78	90	86	44	1
Februar	724.3	714.4	27	735.2	9	−3.1	2.7	−1.5	−0.8	−8.3	19	6.9	8	81	58	80	73	35	27
März	721.8	709.5	17	735.2	9	2.3	10.7	4.8	5.6	−4.3	2	20.3	30. 31	82	50	77	70	19	30
April	716.7	705.5	12	724.1	2	5.0	11.7	6.9	7.6	−6.5	14	23.5	30	84	51	73	69	25	4
Mai	719.0	707.4	4	727.7	24	9.2	16.8	10.5	11.7	2.3	8	27.9	31	83	49	80	71	27	31
Juni	723.1	716.9	1	728.7	28	12.6	18.4	13.5	14.5	6.9	28	27.9	1	83	55	82	74	24	1
Juli	720.2	714.5	6	725.5	17. 18	12.0	17.9	13.1	14.0	6.7	9	25.7	14	79	53	73	68	34	26. 27
August	721.1	715.1	6	726.2	26	12.2	19.7	13.8	14.9	7.7	17	24.9	24	97	56	94	82	36	24
September	720.4	710.5	14	725.4	22	9.9	16.4	11.6	12.4	4.5	24	22.9	3	98	63	95	85	47	2
Oktober	720.5	710.0	8	730.4	14	7.3	15.1	9.4	10.3	0.0	15	23.9	28	90	55	82	76	24	26
November	722.4	709.4	13	731.6	19	4.4	8.6	5.0	5.7	−0.9	21	14.9	1	93	74	94	87	41	1
Dezember	722.4	702.5	28	733.3	21	−1.5	1.7	−0.7	−0.3	−8.9	23	9.9	28	89	75	90	85	28	28
Jahr	721.0	702.5	XII	735.2	II. III	5.7	11.9	7.2	8.0	−8.9	XII	27.9	V. VI	88	60	84	77	19	III

Elm.

$\lambda = 9°10'$, $\beta = 46°55'$, $H_b = 963^m$, $G = -0.01$ ‰, $h_r = 1.6^m$

Januar	678.5	667.5	21	686.6	6	−1.7	1.2	−1.4	−0.8	−7.1	14	5.9	5	73	64	77	71	32	21
Februar	682.0	672.7	2	692.1	9	−5.0	2.1	−3.7	−2.6	−12.8	19	7.3	27	69	47	68	61	30	24
März	680.7	670.0	17	691.5	9	1.3	8.3	2.7	3.7	−9.5	2	16.3	30	68	44	66	60	15	30
April	675.7	664.5	12	683.1	29	3.9	9.7	3.7	5.3	−9.9	13	20.4	27	74	50	76	67	19	29
Mai	678.7	668.0	4. 5	686.7	24	9.5	14.5	7.8	9.9	−0.7	4	23.9	30	68	45	79	64	27	21
Juni	682.7	678.0	25	687.5	28	12.0	16.3	10.3	12.2	2.6	28	26.2	2	73	55	87	72	25	5
Juli	679.9	674.6	7	684.9	17	10.6	15.2	10.1	11.5	3.0	9	24.3	14	81	56	92	77	27	14
August	681.0	675.2	6	686.2	25	10.9	17.0	11.3	12.6	5.8	17	23.6	29	86	56	92	78	28	23
September	679.9	670.5	17	684.3	21	8.4	14.8	9.2	10.4	2.7	11	21.8	3	89	57	90	79	30	16
Oktober	680.2	671.7	8	687.9	13	6.9	14.0	7.9	9.2	−0.4	14	18.7	22	74	46	73	64	11	21
November	681.2	669.2	13	689.7	19	2.7	6.4	3.1	3.8	−4.7	26	14.8	11	85	66	83	78	34	11. 23
Dezember	680.3	663.0	29	690.0	21	−3.0	−0.4	−3.1	−2.4	−9.8	19	6.8	4	83	67	83	78	38	28
Jahr	680.1	663.0	XII	692.1	II	4.7	9.9	4.8	6.1	−12.8	II	26.2	VI	77	54	81	71	11	X

Beobachter: Frl. **S. Brühlmann.**

Unter-Hallau.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.5	8.1	8.3	8.6	98	17	31	18	17	12	—	—	10	0	23	0	3	0	1	0	22	1	0	66	Januar
4.9	3.8	3.5	4.1	29	10	27	5	5	2	—	—	4	11	6	1	25	0	3	0	12	0	0	43	Februar
6.7	5.8	3.5	5.3	60	13	17	8	7	3	—	—	1	6	7	0	7	0	2	0	27	0	1	56	März
6.7	6.2	5.9	6.3	58	13	17	11	10	2	—	3	1	3	9	0	15	0	7	0	19	1	0	48	April
4.7	5.4	4.8	5.0	47	16	10	12	11	—	—	5	0	9	5	0	11	0	12	0	19	0	0	51	Mai
5.8	5.3	4.4	5.2	57	15	19	11	8	—	—	3	1	5	6	0	11	0	5	0	29	0	7	38	Juni
6.1	6.5	6.2	6.3	108	25	27	15	14	—	—	3	1	5	11	0	12	0	3	0	36	0	5	37	Juli
4.3	4.9	3.7	4.3	71	16	6	15	14	—	—	4	0	10	7	0	26	0	5	0	24	0	4	34	August
7.4	4.7	4.8	5.6	64	13	4	12	10	—	—	4	2	3	3	0	17	0	5	0	25	0	3	40	September
7.8	5.9	4.7	6.1	41	14	15	8	8	—	—	—	8	4	8	0	11	0	5	1	11	0	4	61	Oktober
9.0	7.6	8.0	8.2	113	32	12	20	17	—	—	—	6	1	21	0	8	0	0	0	29	0	1	52	November
8.3	6.7	6.7	7.2	26	12	5	7	6	4	—	1	5	1	15	0	22	0	2	0	39	1	10	19	Dezember
6.8	5.9	5.4	6.0	772	32	XI	142	127	23	—	23	39	58	121	1	168	0	50	1	292	3	35	545	Jahr

Beobachter: **J. A. Hohl.**

Bachtel.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.0	5.6	5.6	5.7	75	17	23	16	13	14	—	—	9	8	11	2	3	0	20	5	20	8	3	32	Januar
3.1	4.1	3.4	3.5	31	9	2	6	6	5	—	—	2	13	6	2	11	6	4	2	9	1	4	45	Februar
5.2	5.1	3.8	4.7	113	25	21	10	9	5	—	—	4	10	6	1	6	2	11	3	24	6	6	34	März
6.2	6.5	5.9	6.2	136	34	1	16	12	10	—	2	6	4	12	1	11	1	12	1	15	0	4	45	April
5.5	5.7	4.7	5.3	117	22	10	14	13	5	—	1	3	8	10	2	8	5	14	2	12	4	1	45	Mai
6.0	6.1	6.2	6.1	194	54	27	16	16	—	—	2	6	7	14	2	10	4	3	1	22	1	0	47	Juni
6.2	6.1	6.7	6.3	251	52	8	19	17	—	—	1	8	5	13	1	8	1	7	2	32	0	0	42	Juli
5.1	4.7	5.0	4.9	194	32	6	16	14	—	—	3	8	11	8	1	8	3	6	1	12	0	1	61	August
5.2	5.2	5.2	5.2	145	33	10	13	11	—	—	2	8	7	7	0	1	3	16	2	11	0	0	57	September
4.7	4.5	4.7	4.6	45	17	8	6	3	—	—	—	3	7	3	3	4	1	24	0	8	0	0	53	Oktober
7.6	7.5	6.6	7.2	186	32	24	18	18	5	—	—	12	3	15	2	5	0	13	1	32	6	1	30	November
6.8	6.3	6.5	6.5	146	31	6	19	16	16	—	—	13	6	15	1	11	0	8	1	31	5	9	27	Dezember
5.6	5.6	5.4	5.5	1633	54	VI	169	148	60	—	11	82	89	120	18	86	26	138	21	228	31	29	518	Jahr

Beobachter: **J. Gehring.**

Glarus.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
7.6	6.5	7.6	7.2	105	30	23	15	12	5	—	—	3	3	17	3	0	0	0	3	0	2	3	82	Januar
4.4	4.2	2.7	3.8	41	24	2	6	4	3	—	—	0	14	5	1	0	0	0	0	0	1	17	65	Februar
6.0	6.1	3.8	5.3	40	14	8	10	8	4	—	—	0	8	7	4	0	1	0	11	0	2	19	56	März
7.3	7.0	6.7	7.0	115	19	1	14	10	4	—	1	0	3	14	6	0	1	0	8	0	4	18	53	April
6.2	6.7	6.1	6.3	90	18	23	17	13	—	—	1	0	4	11	8	0	1	2	3	0	1	24	54	Mai
6.9	7.4	7.0	7.1	168	45	27	17	16	—	—	—	0	3	15	8	0	0	0	6	0	1	28	47	Juni
7.7	7.5	7.5	7.6	222	30	19	21	19	—	—	2	0	1	18	2	1	0	0	3	2	3	22	60	Juli
5.3	6.3	5.2	5.6	191	27	30	19	19	—	—	3	0	8	12	6	0	0	1	1	0	1	18	66	August
6.1	6.0	5.5	5.9	161	31	10	14	13	—	—	—	0	5	9	6	0	0	0	2	4	3	14	61	September
5.5	5.0	3.9	4.8	49	24	8	7	4	—	—	—	0	9	6	0	0	0	1	13	0	0	20	59	Oktober
8.1	8.1	6.9	7.7	164	41	16	16	15	—	—	—	1	2	17	3	0	0	1	2	0	1	2	81	November
7.4	6.8	6.8	7.0	120	43	6	16	11	7	—	—	0	5	16	4	0	0	0	1	0	0	14	74	Dezember
6.5	6.5	5.8	6.3	1466	45	VI	172	144	23	—	7	4	65	147	51	1	3	5	53	6	19	199	758	Jahr

Beobachter: **J. Weiss.**

Elm.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.2	5.9	5.7	5.9	106	25	23	15	14	14	—	—	3	8	13	1	0	0	3	1	0	0	0	88	Januar
4.1	3.2	3.0	3.4	27	10	2	6	6	5	—	—	0	14	4	1	0	0	2	1	1	0	0	79	Februar
4.5	4.5	4.4	4.5	50	16	17	6	6	5	—	—	2	10	5	2	0	0	21	3	1	0	0	66	März
6.0	5.7	6.7	6.1	117	25	1	12	12	7	—	1	0	5	10	7	0	0	5	6	0	0	0	72	April
5.5	5.6	6.5	5.9	109	12	27	16	15	5	—	1	1	4	10	7	0	0	8	3	1	0	0	74	Mai
6.5	6.1	6.7	6.4	200	45	27	18	17	2	—	3	2	4	12	3	0	0	6	3	0	0	0	78	Juni
7.6	6.9	7.5	7.3	249	34	8	21	20	—	—	5	3	1	15	3	0	0	0	0	0	0	0	90	Juli
4.5	5.0	5.5	5.0	116	17	6	17	16	—	—	5	1	10	10	6	0	0	0	0	1	0	0	86	August
4.8	4.3	5.4	4.8	174	33	15	14	14	—	—	1	5	8	8	4	0	0	5	2	0	0	0	79	September
3.6	4.1	4.0	3.9	73	34	8	8	6	—	—	—	0	14	7	1	0	0	23	1	0	0	0	68	Oktober
6.9	6.5	6.4	6.6	184	36	16	15	15	10	—	—	3	5	13	0	0	0	7	1	0	0	0	82	November
6.8	5.6	6.0	6.1	126	37	6	16	15	16	—	—	2	6	14	2	0	0	4	0	0	0	0	87	Dezember
5.6	5.3	5.7	5.5	1531	45	VI	164	156	64	—	16	22	89	121	37	0	0	84	21	4	0	0	949	Jahr

Göschenen.

$\lambda = 8°35'$, $\beta = 46°40'$, $H_b = 1107.2^m$, $G = -0.05\ ^m/_m$, $h_r = 2.7^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	667.2	657.6	21	676.2	5	0.3	1.9	1.0	1.1	−5.0	10	6.0	2	63	64	61	63	30	1
Februar	670.4	661.5	17	680.0	9	−1.9	1.4	−0.7	−0.5	−8.6	16	8.4	5	54	54	61	56	21	25
März	669.7	658.1	18	679.4	9	2.7	6.2	4.0	4.2	−5.5	1.2.18	11.6	30	60	55	60	58	33	10.30
April	664.7	653.5	12	671.5	29	3.0	7.0	4.1	4.5	−11.4	14	17.0	29	72	60	71	67	36	16
Mai	667.6	656.6	5	675.8	26	7.7	11.9	8.1	9.0	0.0	5. 11	21.0	27.29	68	60	72	67	32	29
Juni	671.5	667.1	25	675.2	28	10.6	14.2	11.3	11.8	1.2	28	22.0	18	76	65	78	73	38	2
Juli	668.7	663.3	11	673.7	27	9.4	13.7	10.3	10.9	4.0	9	21.6	14	85	66	88	79	37	14
August	670.0	664.7	6	674.9	25	11.4	15.6	12.4	12.9	7.0	14.15	21.6	28.29	78	64	82	75	40	5
September	668.9	659.6	17	672.8	8	9.8	13.0	10.2	10.8	4.6	11	22.6	4	73	67	78	73	45	4
Oktober	669.4	661.6	8	675.7	13	8.7	11.7	9.1	9.7	2.0	14	18.8	25	62	58	67	62	24	21
November	669.8	657.2	13	677.8	19	4.3	5.9	5.0	5.0	−1.0	27	11.8	11	74	70	70	71	29	20
Dezember	668.7	650.7	29	677.9	21	−1.3	0.1	−1.2	−0.9	−9.6	31	9.0	3	70	66	72	69	33	3. 22 27
Jahr	668.9	650.7	XII	680.0	II	5.4	8.6	6.1	6.5	−11.4	IV	22.6	IX	70	62	72	68	21	II

Engelberg.

Abendbeobachtung: 8^{30}

$\lambda = 8°25'$, $\beta = 46°49'$, $H_b = 1017.8^m$, $G = -0.02\ ^m/_m$, $h_r = 1.6^m$

Januar	674.0	663.3	21	681.8	6	−1.5	1.8	−1.3	−0.4	−5.3	10	7.4	31	85	75	88	82	41	21
Februar	677.4	667.9	2	687.7	9	−5.1	0.9	−3.1	−2.6	−12.6	19	6.3	5	84	67	85	79	35	24
März	676.1	665.3	17	686.6	10	0.9	7.1	2.8	3.4	−8.8	2	15.1	30	82	63	83	76	27	30
April	671.5	660.0	12	678.8	29	2.6	8.0	4.4	4.7	−12.1	14	18.7	30	91	66	84	81	36	4
Mai	674.3	663.6	5	682.4	26	6.5	13.1	8.8	9.1	0.9	11	23.0	31	90	65	87	81	38	17
Juni	678.6	674.2	25	683.0	28	10.2	14.9	11.6	11.7	5.2	26	23.0	1	91	74	90	85	38	1
Juli	675.5	670.2	7	680.7	17	9.4	14.4	11.0	11.1	4.3	9	22.7	14	95	74	95	88	45	28
August	677.1	671.7	6	682.5	25	10.1	16.2	12.3	12.5	5.9	17	23.1	29	93	72	95	87	47	5
September	675.8	666.7	17	680.1	21	7.8	13.2	9.5	9.9	2.8	11	22.2	2	96	78	97	91	45	4
Oktober	675.7	667.0	29	683.6	13	6.3	12.1	8.2	8.7	−0.1	15	18.5	26	87	68	86	80	36	26
November	676.8	664.4	13	685.3	19	3.2	6.5	3.3	4.1	−1.7	26	12.6	1	92	77	93	87	47	1
Dezember	676.0	658.4	28	685.7	21	−3.1	0.2	−2.4	−1.9	−9.9	20	10.4	27	89	78	87	85	22	27
Jahr	675.7	658.4	XII	687.7	II	3.9	9.0	5.4	5.9	−12.6	II	23.1	VIII	90	71	89	86	22	XII

Oberiberg.

$\lambda = 8°47'$, $\beta = 47°2'$, $H_b = 1090^m$, $G = -0.03\ ^m/_m$, $h_r = 1.7^m$

Januar	667.9	657.3	21	675.8	6	−2.0	3.1	−1.7	−0.6	−7.9	14	6.0	25	80	66	83	76	42	14
Februar	671.4	662.3	27	681.2	8	−6.3	2.7	−4.2	−3.0	−14.7	19	8.7	11	81	55	80	72	35	10
März	670.2	659.4	17. 19	680.9	9	−0.4	8.0	1.8	2.8	−10.8	2	16.0	29	82	51	77	70	19	30
April	665.5	654.0	12	672.4	29	1.6	9.2	2.3	3.9	−15.2	14	20.1	29	80	50	78	69	23	4. 5
Mai	669.1	657.8	5	676.5	24	6.9	13.9	7.0	8.7	0.2	5	24.8	30	76	49	79	68	27	17. 30 31
Juni	672.9	668.2	25	675.7	14	10.0	15.7	10.2	11.6	2.8	28	24.5	17	78	55	80	71	29	1
Juli	670.0	664.4	7. 11	674.9	17	9.1	15.3	9.6	10.9	3.8	9	25.2	14	84	57	84	75	27	2. 14
August	671.2	666.6	9	676.2	25	9.5	17.5	10.8	12.2	3.6	11	25.8	29	86	54	85	75	32	28
September	669.9	661.2	14	674.4	22	6.9	15.4	8.8	9.9	0.5	11	23.0	3. 4	88	57	87	77	33	29
Oktober	670.0	661.8	29	678.0	13	4.9	14.3	6.8	8.2	−2.7	14	19.0	26	83	48	80	70	28	26
November	670.9	658.3	13	679.2	19	2.8	7.2	2.7	3.9	−2.2	26	13.8	11	86	69	87	80	38	21
Dezember	670.0	652.7	28	679.4	21	−3.2	1.4	−2.8	−1.9	−10.8	8	9.2	4	82	64	82	76	20	27
Jahr	669.9	652.7	XII	681.2	II	3.3	10.3	4.3	5.6	−15.2	IV	25.8	VIII	82	56	82	73	19	III

Einsiedeln.

$\lambda = 8°45'$, $\beta = 47°8'$, $H_b = 913.9^m$, $G = 0.01\ ^m/_m$, $h_r = 1.5^m$

Januar	682.5	671.3	21	690.5	6	−0.9	2.6	−0.1	0.4	−7.0	10	5.8	31	86	76	85	82	45	21
Februar	686.2	676.7	2	696.4	9	−4.4	1.6	−1.9	−1.6	−11.0	19	7.4	11	83	66	77	75	27	24
März	684.6	673.2	17	696.2	9	1.1	8.2	3.4	4.0	−7.8	2	17.8	30	82	59	78	73	12	30
April	679.9	665.7	12	686.9	29	3.1	8.7	5.0	5.5	−10.2	14	19.0	30	88	66	78	77	35	4
Mai	682.6	672.2	5	690.7	24	7.8	13.7	9.4	10.1	2.0	8	24.8	30	90	63	82	78	25	30
Juni	686.9	682.2	1	691.2	28	11.2	15.6	12.9	13.1	5.2	28	24.2	1	87	68	81	79	19	17
Juli	684.0	678.4	7	688.7	17. 18	10.6	15.4	12.3	12.7	6.6	9	23.9	14	91	67	84	81	42	14. 29
August	685.2	680.5	9	690.5	26	10.9	17.3	13.4	13.7	6.7	17	23.8	29	93	65	87	81	45	24. 29
September	684.0	674.6	17	688.4	22	8.4	14.3	10.5	11.0	3.2	24	22.2	3	94	73	91	86	50	1. 3
Oktober	684.0	675.4	8	692.4	13	6.2	13.0	7.4	8.5	−0.2	15	19.0	28	88	59	88	78	25	28
November	685.2	672.6	13	694.5	19	3.8	7.6	4.2	5.0	−0.6	30	13.7	1	90	75	91	85	50	4
Dezember	684.6	666.1	28	694.7	21	−2.3	1.3	−1.5	−1.0	−10.6	20	9.8	1	87	76	85	82	17	27
Jahr	684.1	665.7	IV	696.4	II	4.6	9.9	6.3	6.8	−11.0	II	24.8	V	88	68	84	80	12	III

Beobachter: P. **Aeberhardt.**

Göschenen.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●/✱	●✱ ≧1.0	✱	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
5.9	5.7	5.7	5.8	106	29	23	12	10	10	—	—	9	7	13	12	0	0	0	76	0	0	0	5	Januar
3.9	3.8	4.0	3.9	31	15	2	6	5	5	—	—	5	11	4	16	0	0	0	67	0	0	0	1	Februar
6.1	6.7	4.7	5.8	118	45	31	9	8	7	—	—	5	7	11	17	0	0	0	73	0	0	0	3	März
7.6	7.3	6.9	7.3	150	39	1	14	13	9	—	—	10	2	15	29	0	0	0	55	0	0	0	6	April
6.2	7.4	6.8	6.8	132	32	10	17	15	7	—	—	8	5	15	39	0	0	0	46	0	0	0	8	Mai
6.8	7.1	7.1	7.0	140	43	27	15	11	1	—	—	9	4	16	52	0	0	0	29	0	0	0	9	Juni
8.3	7.4	8.0	7.9	136	24	8	22	19	—	1	3	12	1	19	60	0	0	0	19	0	0	0	14	Juli
5.7	6.1	5.9	5.9	94	12	30	15	11	—	—	—	11	6	11	40	0	0	0	39	0	0	0	14	August
6.2	6.5	5.5	6.1	159	26	14	15	13	—	—	1	10	7	12	29	0	0	0	56	0	0	0	5	September
5.1	5.2	4.4	4.9	110	43	8	8	7	—	—	—	3	9	8	21	0	0	0	65	0	0	0	7	Oktober
7.4	6.7	5.9	6.7	143	26	16	15	15	8	—	—	11	3	14	28	0	0	0	52	0	0	0	10	November
5.4	5.5	5.4	5.4	151	34	6	17	17	17	—	—	10	8	11	35	0	0	0	50	0	0	0	8	Dezember
6.2	6.3	5.9	6.1	1470	45	III	165	144	64	1	4	103	70	149	378	0	0	0	627	0	0	0	90	Jahr

Beobachter: P. **N. Kaeser.**

Engelberg.

6.5	6.7	5.4	6.2	95	27	23	16	13	12	—	—	5	7	13	0	3	0	2	0	5	0	0	83	Januar
4.8	4.7	4.1	4.5	26	13	2	5	4	5	—	—	3	9	6	0	0	1	0	0	11	6	0	66	Februar
6.1	6.3	4.4	5.6	81	21	8	12	10	9	—	—	4	6	9	0	2	4	17	0	12	8	1	49	März
7.5	6.7	7.2	7.1	130	31	1	12	11	9	—	1	4	2	15	1	6	1	10	0	12	6	0	54	April
5.4	7.2	7.3	6.6	141	22	10	18	15	6	—	2	4	5	14	0	4	3	5	1	18	8	0	54	Mai
6.7	7.1	7.8	7.2	215	35	27	18	18	1	—	3	6	3	15	0	0	2	4	0	16	5	5	58	Juni
7.8	7.9	8.3	8.0	254	33	8	22	20	—	1	3	6	1	18	0	3	6	4	0	16	5	1	58	Juli
5.5	6.0	6.2	5.9	181	35	20	18	16	—	—	3	3	7	13	0	1	1	2	1	15	5	3	65	August
6.0	6.8	6.4	6.4	133	32	10	14	13	—	—	3	6	3	11	0	1	0	2	1	19	4	1	62	September
6.5	5.3	4.3	5.4	41	19	8	6	5	—	—	1	4	5	8	0	5	0	14	0	15	1	1	57	Oktober
9.0	7.7	6.7	7.8	129	18	16	19	15	7	—	—	6	1	20	0	5	1	4	0	6	2	1	71	November
6.6	6.4	6.1	6.4	134	33	6	17	16	16	—	—	5	6	15	0	4	0	5	0	8	6	2	68	Dezember
6.5	6.6	6.2	6.4	1560	35	VI.VIII	177	156	65	1	16	56	55	157	1	34	19	69	3	153	56	15	745	Jahr

Beobachter: **X. Holdener.**

Oberiberg.

6.1	6.1	5.7	6.0	118	20	23	17	14	13	—	—	1	7	11	0	0	0	0	1	14	4	0	74	Januar
4.0	4.0	3.8	3.9	39	21	2	6	5	6	—	—	0	14	7	0	1	0	0	0	4	0	0	79	Februar
5.4	5.5	3.8	4.9	86	28	8	12	10	7	—	—	1	8	6	0	0	1	0	6	13	0	0	73	März
6.8	6.8	6.1	6.6	170	26	I. 12	17	16	10	—	1	2	4	14	0	0	1	0	5	8	1	0	75	April
5.3	7.0	5.8	6.0	114	13	30	20	17	7	—	2	2	3	8	2	0	1	1	4	5	5	0	75	Mai
6.3	7.1	7.2	6.9	249	44	27	18	17	—	—	1	3	3	14	1	2	1	0	4	8	4	0	70	Juni
7.8	7.6	7.6	7.7	297	49	8	23	20	—	—	4	0	1	18	2	1	1	0	1	3	6	2	77	Juli
5.5	6.2	5.2	5.6	242	38	6	20	19	—	—	4	1	9	14	1	2	3	0	2	3	0	2	80	August
5.8	5.8	5.6	5.7	160	56	10	14	13	—	—	1	3	4	9	0	1	2	0	1	4	1	1	80	September
4.3	5.0	4.0	4.4	54	21	8	6	5	—	—	—	3	10	4	1	0	0	1	2	13	4	0	72	Oktober
8.0	7.6	6.5	7.4	197	40	16	19	19	9	—	—	2	3	17	0	0	0	0	6	7	1	0	76	November
6.5	6.5	6.6	6.5	160	36	10	17	15	16	—	—	3	8	16	0	0	0	0	0	9	0	4	80	Dezember
6.0	6.3	5.7	6.0	1886	56	IX	189	170	68	—	13	21	74	138	7	7	10	2	32	91	26	9	911	Jahr

Beobachter: P. **M. Egger.**

Einsiedeln.

6.0	6.4	6.6	6.3	92	19	23	14	14	9	—	—	4	6	13	0	0	0	0	0	16	0	2	75	Januar
3.5	3.7	2.7	3.3	36	22	2	4	3	4	—	—	2	15	5	3	0	0	0	0	0	2	2	77	Februar
5.7	5.5	4.1	5.1	74	25	8	8	8	4	—	—	0	9	9	0	1	0	1	0	7	1	8	75	März
6.9	7.3	6.5	6.9	140	30	1	14	13	8	—	1	5	3	16	6	1	0	0	1	6	0	6	70	April
5.4	7.1	5.9	6.1	119	26	30	17	16	2	1	3	1	3	11	9	1	0	1	1	3	1	9	68	Mai
6.6	7.4	6.5	6.8	208	45	27	15	15	—	—	3	2	4	16	7	0	0	1	2	8	0	12	60	Juni
7.3	7.7	7.4	7.5	271	54	8	19	19	—	1	2	1	4	18	10	2	0	1	0	4	0	11	65	Juli
5.2	5.9	5.8	5.6	218	36	24	18	18	—	—	4	1	7	11	10	0	0	1	1	3	1	7	70	August
6.6	6.5	6.7	6.6	134	47	10	13	13	—	—	2	4	5	13	2	2	0	0	1	2	2	8	73	September
5.7	4.6	3.8	4.7	45	20	8	5	5	—	—	—	1	7	6	4	1	0	1	2	2	1	5	77	Oktober
8.3	7.5	6.4	7.4	191	38	16	19	19	4	—	—	3	3	16	0	0	0	2	0	7	0	5	76	November
6.0	6.4	6.6	6.3	127	29	6	16	15	14	—	—	3	6	17	0	1	0	0	0	10	1	3	78	Dezember
6.1	6.3	5.8	6.1	1655	54	VII	162	158	45	2	15	27	72	151	51	9	0	8	8	68	9	78	864	Jahr

Sarnen.

$\lambda = 8°15'$, $\beta = 46°54'$, $H_b = 486.7^m$, $G = 0.05\ ^m/_m$, $h_r = 1.7^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	719.7	707.8	21	728.1	6	−0.4	2.6	0.6	0.9	−5.4	6	8.2	21	91	80	88	87	37	21
Februar	723.8	714.2	2	734.3	9	−2.6	3.0	−0.5	−0.1	−8.2	19.24	7.1	4	86	64	81	77	37	25
März	721.3	708.8	17	734.4	9	2.3	10.5	5.1	5.7	−4.4	2	20.3	30	88	55	80	74	15	30
April	716.4	704.2	12	723.9	2	5.8	11.4	6.8	7.7	−5.8	13	21.8	30	85	56	79	73	32	5
Mai	718.6	708.6	5	726.9	24	11.1	16.9	10.9	12.5	3.8	5	25.4	27	81	53	82	72	36	21
Juni	723.0	716.1	1	728.6	28	14.4	18.4	14.3	15.4	8.9	26	25.4	17	78	60	84	74	34	17
Juli	719.9	714.3	6	725.1	17	13.5	18.5	13.6	14.8	8.9	9	25.4	14	85	59	88	77	40	14
August	721.2	715.9	6	726.0	26	13.8	19.6	14.7	15.7	10.2	16	25.4	5	87	60	87	78	39	5
September	720.3	710.0	14	725.4	21	11.0	16.4	12.0	12.9	5.6	30	23.1	3	91	65	90	82	49	6
Oktober	720.2	710.1	29	729.2	13	7.2	13.7	8.7	9.6	1.7	21	17.2	29	94	64	93	84	50	9
November	722.1	708.3	13	731.3	19	5.1	9.3	5.9	6.5	−0.4	21	14.2	5	92	72	88	84	44	8
Dezember	722.2	702.4	28	732.9	21	−0.3	2.7	0.6	0.9	−5.3	24	9.3	27	90	76	87	84	28	27
Jahr	720.7	702.4	XII	734.4	III	6.7	11.9	7.7	8.5	−8.2	II	25.4	V. VI VIII	87	64	86	79	15	III

Luzern.

$\lambda = 8°19'$, $\beta = 47°3'$, $H_b = 455.6^m$, $G = 0.06\ ^m/_m$, $h_r = 1.5^m$

Januar	722.0	710.8	21	730.9	6	0.1	2.7	0.8	1.1	−5.2	6	8.5	21	94	84	92	90	43	21
Februar	726.1	716.4	27	736.8	9	−1.9	3.3	0.3	0.5	−6.6	24	7.6	3	85	64	80	76	42	26
März	723.7	711.4	17	737.7	9	2.9	9.9	5.8	6.1	−2.9	19	18.6	30	91	61	84	79	24	30
April	718.7	706.4	12	726.5	2	5.8	11.9	7.6	8.2	−4.9	14	22.9	30	89	61	82	77	36	4. 16
Mai	720.9	711.2	5	729.1	24	10.9	17.2	11.5	12.8	4.9	5	27.3	27	83	59	84	75	34	21
Juni	725.1	718.8	1	730.5	28	14.3	19.0	14.5	15.6	9.9	26	26.7	17	82	64	87	78	38	8
Juli	722.0	716.5	6	727.1	17. 18	13.4	19.2	14.3	15.3	9.5	9	26.1	14	88	64	91	81	39	1
August	722.9	717.5	6	728.6	26	13.9	20.5	15.3	16.2	10.8	17	27.1	5	94	74	93	87	36	2
September	722.0	711.7	14	727.3	22	11.5	17.0	12.4	13.3	7.5	11	24.5	3	98	78	98	91	53	20
Oktober	722.3	712.3	29	731.4	13	7.3	13.3	9.2	9.8	2.4	15	18.9	2	97	72	93	87	45	9
November	724.3	711.1	13	733.4	19	5.7	9.1	6.7	7.1	0.6	22	14.5	4	92	75	89	85	49	15
Dezember	724.5	704.7	28	735.3	21	−0.1	2.9	1.0	1.2	−6.2	23.24	8.1	10	87	72	85	81	35	27
Jahr	722.9	704.7	XII	737.7	III	7.0	12.2	8.3	8.9	−6.6	II	27.3	V	90	69	88	82	24	III

Walchwil.

$\lambda = 8°30'$, $\beta = 47°6'$, $H = 426^m$, $G = —\ ^m/_m$, $h_r = 1.5^m$

Januar	—	—	—	—	—	0.7	2.8	1.4	1.6	−3.4	5	8.0	24	89	81	84	84	50	31
Februar	—	—	—	—	—	−1.4	3.3	1.1	1.0	−5.8	19	8.0	4	81	64	69	71	40	16
März	—	—	—	—	—	3.8	10.5	6.8	7.0	−2.3	2	21.0	30	80	54	68	67	23	30
April	—	—	—	—	—	6.1	11.9	8.3	8.7	−4.4	14	22.6	30	83	56	70	69	27	4
Mai	—	—	—	—	—	10.1	16.9	12.3	12.9	4.4	8	26.0	27	86	57	69	71	31	16
Juni	—	—	—	—	—	13.6	18.5	14.7	15.4	8.2	28	26.0	18	82	65	77	75	41	16
Juli	—	—	—	—	—	13.1	18.5	14.8	15.3	9.8	9	25.9	14	85*	65*	80*	77*	—	—
August	—	—	—	—	—	14.2	20.4	16.1	16.7	10.4	17	25.1	5	85	60	79	75	44	16
September	—	—	—	—	—	12.4	16.9	13.3	14.0	8.0	11	23.6	4	88	67	84	80	50	11
Oktober	—	—	—	—	—	8.9	13.7	10.7	11.0	4.6	21	19.6	28	92	67	93	84	29	22
November	—	—	—	—	—	6.6	9.4	7.3	7.7	3.0	22	14.5	2	85	71	80	79	45	6
Dezember	—	—	—	—	—	1.1	3.3	1.9	2.0	−4.2	31	12.4	27	77	72	76	75	25	27
Jahr	—	—	—	—	—	7.4	12.2	9.1	9.4	−5.8	II	26.0	V. VI	84	65	77	76	23	III

Böttstein.

$\lambda = 8°13'$, $\beta = 47°34'$, $H_b =$ ca. 360^m, $G = 0.10\ ^m/_m$, $h_r = 1.6^m$

Januar	731.5	718.7	21	741.0	6	−0.2	2.1	0.2	0.6	−3.4	6. 15	7.6	31	94	84	93	90	62	1
Februar	735.7	725.5	2	746.5	9	−2.6	4.2	0.3	0.6	−9.4	25	8.2	4	94	83	92	90	42	13
März	732.6	720.5	19	746.0	9	2.4	10.8	5.6	6.1	−5.8	2	18.4	31	95	80	93	89	62	29. 31
April	727.7	714.7	12	735.3	2	6.4	12.6	7.2	8.4	−4.0	14	23.0	30	89	70	91	83	48	16
Mai	729.8	719.9	5	738.4	24	12.3	18.3	11.1	13.2	3.2	7	28.2	30	83	66	89	80	48	21. 29
Juni	733.9	727.9	1	739.2	28	15.5	20.4	14.6	16.3	10.0	7. 30	29.6	17	81	70	85	79	51	14
Juli	730.8	725.0	6	736.3	1	14.2	19.5	14.3	15.5	9.2	10	26.6	14	86	76	91	84	55	2
August	731.9	726.1	6	738.1	26	14.0	21.2	14.5	16.0	8.6	17	26.2	4	91	70	91	84	54	1
September	731.1	721.0	14	736.2	22	11.2	17.3	12.5	13.4	7.0	11	24.0	4	93	76	94	88	63	11. 19
Oktober	731.5	721.4	29	741.4	13. 14	7.7	13.8	8.9	9.8	0.2	15	19.0	29	95	78	94	89	54	13
November	733.3	719.3	13	743.3	19	5.8	9.3	6.5	7.0	−0.2	20	15.6	3	94	85	94	91	55	18
Dezember	733.7	713.1	28	745.0	21	0.1	3.1	1.1	1.3	−5.2	20	10.6	4	93	82	90	88	53	27
Jahr	732.0	713.1	XII	746.5	II	7.2	12.7	8.1	9.0	−9.4	II	29.6	VI	91	77	91	86	42	II

Beobachter: P. **H. Felderer.**

Sarnen.

Bewölkung 7³⁰	1³⁰	9³⁰	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.7	7.5	7.5	7.9	44	9	23	14	12	6	—	—	11	0	19	0	15	0	0	0	23	0	0	55	Januar
5.8	4.6	4.0	4.8	22	8	2	5	4	1	—	—	5	7	5	0	17	0	2	1	15	0	0	49	Februar
6.4	5.9	3.5	5.3	64	16	31	9	9	5	—	—	1	7	8	0	24	0	1	4	14	0	0	50	März
7.4	6.3	5.7	6.5	76	23	1	13	9	3	—	1	2	3	12	1	29	0	0	0	14	0	0	46	April
5.3	5.9	4.3	5.2	67	18	10	14	11	—	—	3	1	8	6	5	25	0	1	2	10	0	0	50	Mai
6.4	6.7	7.1	6.7	213	30	25	17	15	—	—	3	0	3	13	0	34	0	0	0	5	0	0	51	Juni
7.0	7.2	6.9	7.0	152	23	8	19	19	—	—	6	3	2	16	2	31	0	0	0	7	0	0	53	Juli
5.1	6.1	5.1	5.4	153	28	20	18	16	—	—	7	3	9	12	0	22	0	0	0	11	0	0	60	August
8.0	6.5	5.4	6.6	124	34	10	13	13	—	—	3	9	2	10	0	29	0	0	0	8	0	0	53	September
7.5	5.1	4.0	5.5	30	11	8	6	5	—	—	—	10	3	4	0	29	0	0	1	9	0	0	54	Oktober
8.3	7.1	7.0	7.5	84	13	13	19	12	—	—	—	6	1	13	0	22	0	0	0	14	0	0	54	November
8.5	7.1	7.7	7.8	66	27	6	14	11	6	—	—	8	2	20	0	22	0	0	1	15	0	0	55	Dezember
7.0	6.3	5.7	6.3	1095	34	IX	161	136	21	—	23	59	47	138	8	299	0	4	9	145	0	0	630	Jahr

Beobachter: Frl. **N. Arnet.**

Luzern.

7³⁰	1³⁰	9³⁰	Mittel	Summe	Maximum	Tag	●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.5	8.1	8.0	8.5	50	12	26	16	10	4	—	—	7	0	21	7	0	1	5	5	9	4	3	59	Januar
5.7	5.3	4.0	5.0	24	8	2	5	5	1	—	—	1	6	5	6	6	0	8	11	7	5	4	37	Februar
6.7	5.5	4.8	5.7	96	23	21	10	9	5	—	—	1	6	7	2	2	1	16	10	9	3	1	49	März
7.1	6.0	6.4	6.5	97	20	1	15	13	4	—	1	0	3	11	8	1	5	13	4	8	1	1	49	April
5.5	6.3	6.0	5.9	97	34	10	18	14	—	—	5	0	4	9	8	2	1	14	5	9	1	2	51	Mai
6.4	6.7	7.3	6.8	211	33	27	16	16	—	—	5	0	4	15	8	4	5	9	9	8	2	0	45	Juni
6.9	6.3	7.1	6.8	163	21	8. 27	18	18	—	1	3	0	3	13	9	6	3	14	10	5	0	4	42	Juli
6.4	5.3	4.1	5.3	152	30	20	16	14	—	—	3	0	7	7	3	5	2	11	3	2	0	1	66	August
8.5	5.8	6.0	6.8	88	37	10	13	12	—	—	4	2	0	8	8	3	0	11	8	5	0	0	55	September
7.7	5.6	5.9	6.7	24	9	8	6	4	—	—	—	4	2	8	8	3	0	10	7	5	1	2	57	Oktober
8.7	7.5	8.2	8.1	109	19	5	19	14	—	—	—	3	0	19	1	1	0	8	2	11	0	1	66	November
8.0	7.1	8.1	7.7	70	20	6	16	10	8	—	—	5	1	17	13	2	0	4	8	8	3	7	48	Dezember
7.3	6.3	6.3	6.6	1181	37	IX	168	139	22	1	21	23	36	140	81	35	18	123	82	86	20	26	624	Jahr

Beobachter: **F. Ziegler.**

Walchwil.

7³⁰	1³⁰	9³⁰	Mittel	Summe	Maximum	Tag	●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.3	9.0	8.1	8.8	53	9	23	15	12	3	—	—	8	0	22	3	1	0	0	0	2	1	4	82	Januar
3.5	5.0	3.2	3.9	25	9	2	6	5	—	—	—	4	13	6	0	5	1	0	0	0	1	1	76	Februar
5.2	4.4	3.7	4.4	103	26	8	10	10	5	—	—	1	10	7	1	1	3	11	3	0	0	2	72	März
6.5	5.3	5.7	5.8	98	27	1	12	10	3	—	1	0	6	10	8	10	2	3	3	2	4	5	53	April
5.4	4.9	5.0	5.1	115	27	10	16	16	—	—	4	0	9	9	3	2	0	2	1	0	0	1	84	Mai
5.4	5.7	5.9	5.7	208	33	27	15	15	—	—	3	0	8	12	0	9	2	2	0	3	3	7	64	Juni
6.7	5.5	6.5	6.2	199	27	8	19	18	—	—	2	0	6	13	2	8	0	1	0	0	0	10	72	Juli
5.0	4.3	4.2	4.5	166	34	20	15	15	—	1	5	0	9	8	1	10	0	2	0	2	3	9	66	August
7.8	4.5	5.2	5.8	120	38	10	13	13	—	—	3	1	2	8	0	3	1	0	0	5	4	5	72	September
7.7	4.8	4.8	5.8	33	17	8	5	5	—	—	—	7	4	9	1	2	2	1	1	0	0	10	76	Oktober
8.9	7.7	8.1	8.2	137	26	5	19	16	—	—	—	4	1	18	0	1	0	0	1	4	3	5	76	November
8.5	7.9	8.2	8.2	97	31	6	14	12	5	—	—	2	2	20	4	4	1	0	1	1	2	6	74	Dezember
6.5	5.7	5.7	6.0	1354	38	IX	159	147	16	1	18	27	70	142	23	56	12	22	10	19	21	65	867	Jahr

Beobachter: **J. Hauser.**

Böttstein.

7³⁰	1³⁰	9³⁰	Mittel	Summe	Maximum	Tag	●/*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.5	9.4	8.4	9.1	109	27	23	15	14	8	—	—	5	0	24	0	14	0	3	1	21	0	0	54	Januar
5.2	3.8	2.9	4.0	41	17	27	4	4	1	—	—	3	9	4	0	27	0	0	7	12	0	0	38	Februar
7.7	6.9	3.6	6.1	70	20	17	11	6	3	—	—	3	4	9	0	5	0	5	4	18	0	0	61	März
7.3	6.8	5.9	6.7	84	15	19	15	14	3	—	4	3	3	11	0	18	0	0	1	18	0	0	53	April
5.0	5.7	4.9	5.2	51	18	10	12	9	—	—	1	3	8	8	0	9	0	1	4	30	0	0	49	Mai
6.0	6.3	5.1	5.8	68	17	27	10	10	—	—	2	3	5	10	0	8	0	1	3	36	0	0	42	Juni
8.0	7.4	6.9	7.4	112	25	11	14	14	—	—	2	8	0	16	0	2	0	0	5	41	1	0	44	Juli
6.4	5.6	3.7	5.2	124	46	6	13	12	—	—	3	9	8	10	0	6	0	0	5	20	0	0	62	August
8.8	6.2	5.0	6.7	92	17	4	11	10	—	—	4	13	3	9	0	17	0	2	4	16	0	0	51	September
9.3	6.5	4.9	6.9	43	13	4	7	7	—	—	—	16	2	14	0	7	0	4	4	14	0	0	64	Oktober
9.8	8.6	7.2	8.5	142	40	12	15	15	—	—	—	9	0	21	0	0	0	1	0	23	0	0	66	November
8.5	7.6	7.1	7.7	69	21	5	12	9	6	—	—	2	1	17	0	19	0	4	1	23	2	0	44	Dezember
7.6	6.7	5.5	6.6	1005	46	VIII	139	124	21	—	16	77	43	153	0	132	0	21	39	272	3	0	628	Jahr

Aarau.

$\lambda = 8°\,2'$, $\beta = 47°\,23'$, $H_b = 406.1^{m}$, $G = 0.10\ ^{m}/_{m}$, $h_r = 1.6^{m}$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	727.2	715.2	21	735.8	6	0.1	2.4	0.2	0.7	−3.2	10.15	7.8	24	94	89	93	92	84	2. 22
Februar	731.3	721.4	27	742.3	9	−2.7	3.5	0.0	0.2	−8.4	24.25	7.4	13	84	66	77	76	27	13
März	728.6	717.0	17	742.0	9	2.2	10.5	5.0	5.7	−3.8	2	20.2	30	85	51	78	71	32	30
April	723.5	711.0	12	731.3	2	5.5	12.0	7.3	8.0	−4.2	14	22.8	30	79	48	73	67	30	15. 30
Mai	725.7	714.4	4	734.5	24	10.3	16.8	10.8	12.2	4.4	1. 7. 8	26.4	31	74	45	75	65	25	29
Juni	730.0	723.7	1	735.5	28	13.7	19.1	14.3	15.3	9.4	25	27.0	17	70	50	68	63	26	17
Juli	726.8	721.2	6	732.2	17. 18	12.8	18.4	13.3	14.7	9.4	1	24.6	27	75	53	75	68	36	2. 29 31
August	727.8	722.3	6	733.7	26	12.6	19.9	14.2	15.2	8.8	17	24.6	3. 29	79	50	78	69	33	8
September	726.9	716.2	14	732.1	21. 22	10.9	16.7	11.4	12.6	5.2	12	23.6	4	85	60	86	77	41	17
Oktober	727.4	717.5	29	736.7	13. 14	7.2	13.2	8.3	9.3	0.8	15	18.0	29	97	70	97	88	46	12
November	729.1	715.9	13	738.9	19	5.7	8.9	6.5	6.9	0.4	23	15.6	3	93	79	92	88	56	14
Dezember	729.6	709.3	28	740.8	21	0.1	2.6	0.6	1.0	−6.0	20	9.4	4	89	77	87	84	38	27
Jahr	727.8	709.3	XII	742.3	II	6.5	12.0	7.7	8.5	−8.4	II	27.0	VI	84	62	82	76	25	V

Wintersingen *).

$\lambda = 7°\,52'$, $\beta = 47°\,30'$, $H_b = 444^{m}$, $G = 0.09\ ^{m}/_{m}$, $h_r = 1.5^{m}$

Januar	722.7	710.4	21	730.7	6	1.0	3.3	1.2	1.7	−3.2	5	7.9	31	89	82	88	86	58	21
Februar	727.0	717.3	27	737.6	9	−1.5	5.8	0.4	1.2	−7.0	19	10.9	6	86	62	79	76	35	13
März	724.5	713.2	19	737.1	9	3.8	10.5	4.8	6.0	−3.5	2	18.8	30	87	62	85	78	28	17
April	719.8	706.7	12	727.0	2	6.1	11.6	6.2	7.5	−5.0	13	21.9	30	86	63	87	79	43	16
Mai	722.0	712.1	5	730.5	24	11.0	10.5	10.1	11.9	2.4	7	26.2	30	83	59	87	76	38	20
Juni	726.3	721.9	1	731.3	28	13.6	18.5	13.5	14.8	8.3	30	26.0	17	82	65	83	77	42	10
Juli	723.1	717.5	6	728.2	1	12.9	17.6	13.0	14.1	9.2	1	24.6	14	89	69	90	83	46	2
August	724.0	718.8	6	729.7	26	13.2	19.3	13.5	14.9	9.1	10	24.7	5	90	67	92	83	46	1
September	723.1	713.1	14	728.2	21. 22	10.9	16.2	11.2	12.4	6.0	11	22.8	3	94	76	93	88	55	17
Oktober	723.2	713.5	8	732.9	13	7.4	13.9	8.2	9.4	0.6	14	17.9	29	95	74	92	87	58	14
November	725.1	711.5	13	734.7	19	5.4	9.4	6.2	6.8	−0.9	20	14.9	3	92	82	93	89	62	8
Dezember	725.6	705.1	28	736.1	21	−0.8	2.6	0.1	0.5	−8.0	22	7.6	2	92	82	89	88	54	27
Jahr	723.9	705.1	XII	737.6	II	6.9	11.6	7.4	8.4	−8.0	XII	26.2	V	89	70	88	82	28	III

Langenbruck.

$\lambda = 7°\,46'$, $\beta = 47°\,21'$, $H_b = 704.7^{m}$, $G = 0.06\ ^{m}/_{m}$, $h_r = 1.6^{m}$

Januar	699.9	689.0	21	707.9	6	−1.0	1.7	−0.6	−0.1	−6.6	5	5.2	7. 24	97	88	95	93	48	14
Februar	704.0	694.7	27	714.2	9	−3.3	2.9	−1.1	−0.7	−9.5	19	9.0	11	86	60	76	74	27	13
März	702.0	691.9	19	714.2	9	1.4	8.7	3.1	4.1	−5.4	2	18.0	30	91	60	89	80	32	17
April	697.2	684.9	12	704.4	2	3.9	9.9	4.8	5.9	−9.0	14	22.0	30	92	60	86	80	40	4. 15 30
Mai	699.7	689.5	5	708.0	24	9.6	15.3	8.8	10.6	2.4	7	25.6	27	84	53	86	74	34	21
Juni	704.1	699.7	1	709.0	27	12.7	17.5	12.2	13.7	7.4	7	25.8	18	80	57	81	73	33	18
Juli	701.0	695.5	11	705.9	17	12.1	16.7	11.8	13.1	7.4	9	24.2	14	80	59	80	73	35	13
August	702.0	697.0	6	707.5	26	11.8	18.9	12.4	13.9	7.3	16	26.0	29	76	74	76	68	34	2
September	700.9	691.9	14	705.6	21. 22	9.5	15.5	10.0	11.2	3.8	12	23.4	3	93	81	93	89	46	3
Oktober	701.1	692.3	29	709.8	13	5.9	12.8	6.8	8.1	−1.0	20	17.2	2	98	84	96	93	52	12. 21
November	702.5	689.4	13	711.6	19	4.5	8.0	5.2	5.7	−0.8	21. 26	14.0	3	96	92	95	94	65	22
Dezember	702.5	684.6	28	712.0	21	−1.9	1.0	−1.9	−1.1	−11.2	24	7.8	2. 4	83	78	84	82	35	27
Jahr	701.4	684.6	XII	714.2	II. III	5.4	10.7	6.0	7.0	−11.2	XII	26.0	VIII	88	71	86	81	27	II

Weissenstein.

$\lambda = 7°\,30'$, $\beta = 47°\,15'$, $H_b = 1285^{m}$, $G = -0.02\ ^{m}/_{m}$, $h_r = 1.5^{m}$

Januar	651.8	641.4	21	659.6	6	−1.0	1.3	−0.6	−0.2	−5.5	22	8.0	1	82	75	81	79	25	1
Februar	655.1	646.0	17	664.9	9.	−3.6	−1.3	−3.3	−2.9	−10.5	17	4.5	5	78	70	81	77	15	10
März	654.1	643.2	19	664.1	10	0.3	4.4	1.9	2.1	−7.0	1. 2	14.0	30	86	76	80	81	28	30
April	649.8	637.9	12	657.1	29	1.6	5.3	2.4	2.9	−10.0	14	17.0	30	89	79	89	86	40	4
Mai	653.0	642.4	5	661.3	26	6.4	10.3	6.5	7.4	−1.0	6	19.0	29	89	75	87	84	15	29
Juni	657.4	653.0	1	661.1	28	9.3	13.1	9.5	10.4	1.2	25	21.0	18	92	77	92	87	25	10
Juli	654.4	649.0	7	659.0	18	8.7	11.5	8.6	9.4	3.8	9	19.5	14	91	79	94	88	35	13
August	655.7	650.7	6	660.7	26	10.3	14.8	10.7	11.6	5.0	9. 10	23.0	28	89	68	83	80	35	22
September	654.2	645.1	17	658.4	21	8.3	11.5	8.4	9.1	3.8	10. 11	21.0	3	93	79	96	89	45	9. 24
Oktober	654.1	646.3	29	661.3	12. 13	6.8	10.1	7.1	7.7	0.2	14	16.0	26	79	65	80	75	10	15
November	654.6	640.9	13	662.7	19	2.4	3.8	2.5	2.8	−2.0	25. 26	10.0	4	90	86	91	89	40	21. 23
Dezember	653.8	637.7	29	663.2	21	−2.5	−0.8	−2.5	−2.1	−10.0	31	6.0	1	87	81	89	86	30	3
Jahr	654.0	637.7	XII	664.9	II	3.9	7.0	4.3	4.8	−10.5	II	23.0	VIII	87	76	87	83	10	X

*) **Wintersingen.** Die Station Buus wurde am 1. April nach Wintersingen verlegt; die Barometerangaben von Januar bis März wurden auf die neue Höhe von 444^{m} reduziert.

Beobachter: **H. Amsler-Baumann.**

Aarau.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung								1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
9.5	7.9	8.1	8.5	95	15	21	18	15	8	—	—	15	0	23	0	1	14	3	0	17	17	0	41	Januar
5.4	3.4	3.1	4.0	27	8	27	6	5	3	—	—	8	10	7	0	11	14	8	0	5	7	6	33	Februar
6.2	4.8	3.9	5.0	66	15	17	10	8	2	—	—	4	5	6	2	2	9	1	1	14	9	15	40	März
6.4	5.3	5.7	5.8	66	10	19	13	11	3	2	2	2	1	7	1	8	8	7	0	14	11	5	36	April
5.1	4.4	4.5	4.7	60	21	10	14	10	—	—	4	3	7	2	3	16	8	6	0	10	5	14	31	Mai
5.5	4.9	4.9	5.1	86	24	19	15	13	—	2	2	3	5	5	6	10	0	5	1	13	10	19	26	Juni
6.0	5.4	5.8	5.7	116	16	16	17	14	—	—	4	4	3	5	2	7	1	1	1	24	7	14	36	Juli
5.7	4.1	3.9	4.6	102	16	5	13	11	—	1	8	6	8	6	2	6	4	1	0	12	3	9	56	August
9.1	4.9	5.0	6.3	112	20	15	16	12	—	—	5	16	1	7	1	3	7	4	1	9	6	8	51	September
8.7	5.1	6.0	6.6	34	9	8	10	6	—	—	—	22	1	9	1	1	12	4	1	13	13	5	43	Oktober
9.1	7.2	8.9	8.4	108	33	12	20	15	—	—	—	12	0	18	0	0	0	4	1	42	9	0	34	November
8.8	7.2	7.4	7.8	58	15	5	10	7	4	—	—	5	1	16	0	8	4	2	0	34	19	4	22	Dezember
7.1	5.4	5.6	6.0	930	33	XI	162	127	20	5	25	100	42	111	18	73	81	46	6	207	116	99	449	Jahr

Beobachter: **W. Bührer.**

Wintersingen.

8.3	7.9	7.2	7.8	74	15	23	17	15	9	—	—	1	2	18	0	0	41	5	5	17	7	4	14	Januar
4.3	3.0	2.0	3.1	38	16	27	6	5	3	—	—	1	12	3	1	5	29	10	6	5	1	11	16	Februar
6.8	6.5	3.7	5.7	91	25	17	11	10	3	—	—	0	3	6	9	1	8	6	3	7	8	20	31	März
7.5	7.2	5.8	6.8	78	16	19	16	11	2	—	1	3	4	13	2	4	19	2	5	4	8	3	43	April
4.5	5.8	5.4	5.2	106	28	10	15	12	—	2	4	0	8	10	1	5	14	2	4	8	11	7	41	Mai
6.7	6.3	5.9	6.3	86	22	19	15	11	—	—	3	0	7	13	1	1	7	2	0	2	28	12	37	Juni
6.2	6.9	6.1	6.4	95	19	11	16	15	—	—	3	3	5	10	0	3	4	3	0	7	14	19	43	Juli
4.7	5.1	4.2	4.7	104	19	6	15	13	—	—	5	2	9	7	4	2	8	4	5	0	13	9	48	August
7.7	5.3	3.6	5.5	120	38	4	14	13	—	—	3	1	4	5	2	0	8	10	4	2	6	9	49	September
7.0	5.7	4.6	5.8	40	10	8	10	6	—	—	—	2	5	10	3	2	4	12	4	3	2	7	56	Oktober
8.1	7.9	7.6	7.9	129	36	12	20	18	—	—	—	3	5	22	1	0	6	0	6	10	14	5	48	November
7.2	7.2	6.1	6.8	88	21	6	17	11	9	—	—	4	5	15	0	1	8	1	2	6	14	5	56	Dezember
6.6	6.2	5.2	6.0	1049	38	IX	172	140	26	2	19	20	69	132	24	24	156	57	44	71	126	111	482	Jahr

Beobachter: **T. Bieder-Hägler.**

Langenbruck.

8.4	8.2	7.1	7.9	117	20	23	19	17	12	—	—	6	4	21	1	0	7	31	14	7	15	4	14	Januar
4.4	6.6	2.7	4.6	36	12	27	5	5	4	—	—	2	12	4	4	0	36	22	0	0	10	0	12	Februar
6.5	6.6	4.0	5.7	82	16	17	11	9	5	—	—	1	6	11	4	3	12	16	5	6	18	15	14	März
7.6	7.2	7.4	7.4	78	13	10	13	12	5	—	2	2	1	13	12	0	11	6	6	7	16	21	11	April
6.5	6.3	5.2	6.0	98	28	10	14	12	—	—	4	0	4	9	10	8	25	11	5	6	12	11	5	Mai
6.8	6.9	6.3	6.7	98	30	27	15	13	—	—	1	5	3	14	6	5	18	0	0	1	23	33	4	Juni
6.6	7.6	7.4	7.2	119	17	28	19	17	—	—	4	0	3	18	9	5	9	11	1	1	9	31	17	Juli
5.6	6.1	5.3	5.7	92	19	6	14	13	—	—	5	2	4	9	7	10	12	2	1	6	23	8	24	August
8.2	6.7	6.7	7.2	132	24	4	14	13	—	—	2	7	2	12	6	5	11	20	11	0	24	3	10	September
7.4	5.9	4.6	6.0	36	12	8	6	6	—	—	—	5	6	11	5	3	16	18	6	11	5	0	29	Oktober
9.3	8.9	9.0	9.1	133	39	12	18	17	2	—	—	5	0	24	5	7	8	9	9	18	14	8	12	November
7.9	7.2	7.4	7.5	120	33	6	15	11	10	—	—	6	2	17	16	9	15	14	7	5	14	6	7	Dezember
7.1	7.0	6.1	6.7	1141	39	XI	163	145	38	—	18	41	47	163	85	55	180	160	65	68	183	140	159	Jahr

Beobachter: **K. Illi.**

Weissenstein.

5.5	6.3	5.5	5.8	121	23	21	17	15	13	—	—	12	8	12	3	0	1	0	0	5	9	13	62	Januar
3.5	2.6	2.0	2.7	33	10*	1	6	6	6	—	—	4	14	2	4	16	10	1	4	1	2	7	39	Februar
6.1	5.6	4.8	5.5	66	18	20	9	9	5	—	—	7	6	11	5	1	1	5	7	11	11	11	41	März
7.6	7.7	5.4	6.9	101	40	19	16	12	7	—	—	10	2	11	4	10	1	7	3	8	6	10	41	April
5.6	6.6	4.4	5.5	95	16	10	15	13	4	—	1	11	5	9	8	9	6	5	3	3	6	8	45	Mai
6.7	7.0	6.4	6.7	78	16	27	14	12	—	—	4	7	2	13	9	19	5	0	0	5	8	26	18	Juni
6.3	7.4	6.4	6.7	143	25	16	16	16	—	—	6	3	4	16	17	6	5	0	0	5	5	13	42	Juli
5.0	5.7	5.3	5.3	103	26	9	13	13	—	—	4	7	8	8	19	3	6	3	5	2	11	10	34	August
5.5	6.5	3.6	5.2	104	29	4	13	13	—	—	2	7	5	6	14	8	1	4	4	2	9	7	41	September
5.0	5.0	3.2	4.4	42	13	30	7	7	—	—	1	9	9	5	7	3	3	1	9	9	3	10	48	Oktober
7.9	7.9	7.1	7.6	146	40	12	20	18	11	—	—	16	3	19	6	1	0	0	1	27	19	34	2	November
5.5	5.9	6.1	5.8	67	29	6	15	9	14	—	—	7	9	14	24	8	0	0	0	0	23	38	0	Dezember
5.8	6.2	5.0	5.7	1099	40	IV. XI	161	143	60	—	18	100	75	126	120	84	39	26	36	78	112	187	413	Jahr

Solothurn.

$\lambda = 7°32'$, $\beta = 47°13'$, $H = 470^m$, $G = -\,{}^m/_m$, $h_r = 1.5^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	—	—	—	—	—	−0.1	2.2	0.5	0.8	−4.3	15	8.4	24	95	88	96	93	57	19
Februar	—	—	—	—	—	−2.6	4.2	0.5	0.7	−7.5	19	9.4	25	88	61	74	74	23	13
März	—	—	—	—	—	2.0	10.8	5.4	5.9	−4.2	2	20.9	31	96	51	82	77	32	11
April	—	—	—	—	—	5.3	12.1	7.4	8.0	−4.4	13	23.8	30	93	53	78	75	30	15
Mai	—	—	—	—	—	10.1	17.0	11.3	12.4	4.0	5. 6	27.2	27	90	53	75	73	32	20. 21
Juni	—	—	—	—	—	13.4	19.9	14.5	15.6	9.0	25	28.8	18	85	53	77	82	29	18
Juli	—	—	—	—	—	12.8	19.1	13.9	14.9	8.8	12	27.0	27	91	57	82	77	31	13
August	—	—	—	—	—	13.4	21.1	15.1	16.2	10.0	10	27.7	29	94	54	84	77	35	8. 21
September	—	—	—	—	—	10.5	17.5	11.9	12.9	6.3	20	26.6	3	97	62	95	85	40	6
Oktober	—	—	—	—	—	6.6	13.6	8.4	9.3	−0.4	15	20.8	2	99	74	96	90	49	12
November	—	—	—	—	—	5.2	8.8	6.2	6.6	−0.6	23	15.9	3	96	83	96	92	60	26
Dezember	—	—	—	—	—	−0.1	2.7	0.5	0.9	−5.0	30	9.2	4	90	77	87	84	45	27
Jahr	—	—	—	—	—	6.4	12.4	8.0	8.7	−7.5	II	28.8	VI	93	64	85	82	23	II

Langnau i. E.

$\lambda = 7°47'$, $\beta = 46°56'$, $H = 685^m$, $G = -\,{}^m/_m$, $h_r = 1.6^m$

Januar	—	—	—	—	—	−1.0	3.2	−0.1	0.5	−6.8	10	7.2	29	94	78	88	87	47	1. 21
Februar	—	—	—	—	—	−3.4	3.7	−1.1	−0.5	−9.4	19	10.0	11	82	59	78	73	32	24
März	—	—	—	—	—	1.0	9.3	3.3	4.2	−5.8	2	17.8	31	89	54	83	76	34	31
April	—	—	—	—	—	3.7	10.5	5.5	6.3	−9.6	14	21.0	29. 30	89	56	83	76	35	16
Mai	—	—	—	—	—	9.2	15.8	9.7	11.1	2.6	4	26.0	31	82	51	80	71	32	27
Juni	—	—	—	—	—	12.9	17.9	13.0	14.2	9.0	6. 23 25. 28	24.9	18	80	57	83	73	37	10
Juli	—	—	—	—	—	12.1	17.5	12.9	13.8	8.4	10	25.0	14	87	56	86	77	34	2
August	—	—	—	—	—	12.4	19.4	13.8	14.8	8.4	17	25.8	29	92	56	88	79	36	2
September	—	—	—	—	—	9.6	16.5	10.8	11.9	4.2	11	24.7	3	96	64	93	84	46	1
Oktober	—	—	—	—	—	6.0	13.7	7.9	8.8	1.3	19	17.5	25	97	64	95	85	46	21
November	—	—	—	—	—	4.1	8.4	4.9	5.6	−1.0	21	14.2	3	97	76	96	90	56	1
Dezember	—	—	—	—	—	−2.2	2.0	−1.3	−0.7	−10.6	22	8.8	27	94	76	92	87	27	27
Jahr	—	—	—	—	—	5.4	11.5	6.6	7.5	−10.6	XII	26.0	V	90	62	87	80	27	XII

St. Beatenberg.

$\lambda = 7°48'$, $\beta = 46°41'$, $H_b = 1148^m$, $G = -0.05\ {}^m/_m$, $h_r = 1.1^m$

Januar	663.4	653.2	21	671.2	5	0.0	3.1	0.1	0.8	−4.3	12	7.3	1	73	66	72	70	30	1
Februar	666.4	657.3	18	676.2	9	−2.9	1.8	−1.8	−1.1	−8.8	23	7.3	11	69	62	69	67	34	10
März	665.4	654.3	17	675.9	9	2.1	7.1	2.7	3.7	−7.8	9	16.1	31	70	59	71	66	31	30
April	660.9	650.0	12	667.9	29	2.8	8.1	3.1	4.3	−9.4	13	19.4	30	81	65	81	75	43	4
Mai	663.8	653.0	5	671.9	26	8.1	13.0	6.9	8.7	−0.6	5	23.2	31	78	63	82	75	45	16
Juni	668.1	663.6	25	672.6	28	10.7	15.1	10.1	11.5	5.2	28	22.8	17	83	70	87	80	50	3. 30
Juli	665.1	659.6	7	669.8	17	10.2	14.6	10.0	11.2	5.2	9	22.1	14	86	72	87	82	54	9
August	666.3	661.6	6	671.1	25. 26	11.7	16.4	11.7	12.9	7.1	10	22.9	29	85	72	85	81	48	5
September	665.0	656.2	17	669.4	21	9.2	13.8	9.1	10.3	4.7	11	20.8	4	86	75	90	84	59	4
Oktober	665.0	656.9	29	672.3	13	7.0	12.2	7.5	8.5	1.9	14	17.9	25	78	66	79	74	42	21
November	666.2	654.0	13	673.6	29	3.5	6.5	3.9	4.4	−1.7	26	12.0	1	79	75	80	65	40	20
Dezember	665.3	647.8	28	674.4	21	−1.8	1.4	−1.2	−0.7	−10.0	30	9.4	3	74	69	74	72	24	27
Jahr	665.1	647.8	XII	676.2	II	5.1	9.4	5.2	6.2	−10.0	XII	23.2	V	78	68	80	74	24	XII

Interlaken (Unterseen).

$\lambda = 7°51'$, $\beta = 46°42'$, $H_b = 594.7^m$, $G = 0.04\ {}^m/_m$, $h_r = 1.5^m$

Januar	710.1	699.6	21	718.4	6	0.2	3.2	1.3	1.5	−4.0	10	7.2	29	91	74	82	82	35	31
Februar	713.8	704.7	27	724.1	9	−1.9	4.1	0.2	0.6	−6.4	19	8.2	1	81	57	71	70	35	25
März	711.8	699.6	17	724.1	9. 10	2.8	10.1	5.3	5.9	−3.6	2	18.6	30	81	50	71	67	25	30
April	706.9	695.4	12	714.3	2	5.0	11.1	6.8	7.4	−5.4	14	21.4	30	83	54	74	70	33	16
Mai	709.2	698.7	5	717.3	26	9.4	16.1	10.6	11.7	3.2	5	25.4	31	83	52	75	70	26	10
Juni	713.6	708.1	1	719.1	28	12.7	18.4	13.1	14.3	7.4	25	25.6	17	80	54	81	72	32	7
Juli	710.6	705.4	6. 7	716.0	18	11.9	18.0	13.0	14.0	7.4	9	23.8	27. 28 29	87	55	84	75	37	2
August	711.4	706.2	6	716.9	26	13.2	19.6	14.6	15.5	10.2	10	25.0	29	86	55	82	74	40	24
September	710.4	700.4	14	715.8	22	10.3	16.2	11.6	12.4	5.6	16	23.6	4	91	57	88	79	44	3
Oktober	710.6	701.6	29	719.2	13	7.7	14.3	9.5	10.2	3.8	19	18.4	26	91	56	80	76	45	28
November	712.5	699.6	13	720.5	27. 29 30	4.8	8.8	5.9	6.4	0.8	30	14.0	3	89	65	84	80	49	3
Dezember	712.3	693.1	28	723.8	21	−0.4	3.0	0.5	0.9	−5.6	31	9.0	1	85	70	81	78	49	1. 25
Jahr	711.1	693.1	XII	724.1	II. III	6.3	11.9	7.7	8.4	−6.4	II	25.6	VI	86	58	79	75	25	III

Beobachter: **R. Glutz-Graff.**

Solothurn.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
9.7	9.0	8.0	8.9	131	30	21	18	16	10	—	—	15	0	25	2	9	7	0	0	6	22	3	44	Januar
5.1	3.5	3.1	3.9	38	12	27	6	6	3	—	—	8	11	5	0	21	16	0	0	3	15	2	27	Februar
6.8	6.4	4.2	5.8	91	22	17	9	8	2	—	—	2	4	9	1	7	5	1	0	7	27	3	42	März
7.5	6.5	5.4	6.5	82	27	19	15	10	3	—	3	2	1	9	2	13	15	6	0	0	17	5	32	April
5.6	5.8	4.5	5.3	122	22	1	13	12	—	1	6	4	7	7	3	14	16	3	0	2	16	8	31	Mai
6.5	6.2	5.9	6.2	65	25	21	12	9	—	—	2	3	3	10	3	7	11	3	1	6	16	11	32	Juni
6.6	6.2	6.3	6.4	151	27	16	16	16	—	—	2	5	3	12	1	2	6	4	0	3	9	10	58	Juli
5.5	5.0	4.0	4.8	85	15	9	13	11	—	—	4	4	9	7	1	5	15	7	1	7	7	3	47	August
8.9	5.7	3.9	6.2	85	16	4	14	12	—	—	4	11	2	6	1	13	11	2	1	6	10	7	39	September
9.1	6.9	5.2	7.1	54	14	30	8	6	—	—	—	22	1	14	3	12	8	0	2	3	15	3	47	Oktober
9.3	8.2	8.2	8.6	171	48	12	20	16	—	—	—	8	0	19	0	2	5	1	0	7	37	7	31	November
8.2	8.6	8.2	8.3	109	39	6	9	7	5	—	—	6	1	21	1	12	4	0	0	6	38	11	21	Dezember
7.4	6.5	5.6	6.5	1184	48	XI	153	129	23	1	21	90	42	144	18	117	119	27	5	56	229	73	451	Jahr

Beobachter: **J. U. Zbinden.**

Langnau i. E.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.8	7.7	7.0	7.2	65	12	21	16	14	8	—	—	7	4	14	0	0	9	4	0	0	14	0	66	Januar
4.5	4.3	2.9	3.9	30	15	2	5	5	3	—	—	1	13	6	0	1	25	9	0	0	11	2	36	Februar
6.7	7.1	4.2	6.0	123	26	21	11	9	6	—	—	0	3	9	0	1	23	3	0	1	12	4	49	März
8.0	8.0	6.2	7.4	88	15	12	18	12	4	—	1	0	2	14	1	3	27	1	0	0	21	2	35	April
6.1	8.0	6.0	6.7	123	30	10	17	16	—	—	4	0	4	15	0	1	25	9	0	0	15	4	39	Mai
6.8	7.9	7.3	7.3	156	28	19	18	14	—	—	4	3	2	17	0	1	12	4	1	1	11	15	45	Juni
7.2	7.7	7.4	7.4	130	15	16	18	17	—	—	—	0	3	18	3	3	13	3	0	2	12	15	42	Juli
6.0	5.8	4.9	5.6	123	21	20	14	13	—	—	2	0	9	11	1	4	27	1	0	2	10	9	39	August
6.7	6.3	4.6	5.9	153	27	10	16	13	—	1	2	2	4	7	0	3	19	5	2	0	14	11	36	September
7.1	6.3	5.1	6.2	29	12	8	8	6	—	—	—	2	5	14	0	0	32	5	0	1	8	3	44	Oktober
8.3	8.7	7.5	8.2	146	33	12	19	16	1	—	—	3	2	21	1	0	15	3	0	0	12	2	57	November
7.3	6.2	7.2	6.9	71	22	6	13	11	9	—	—	2	5	18	0	3	21	3	0	0	11	2	53	Dezember
6.8	7.0	5.9	6.6	1237	33	XI	173	146	31	1	13	20	56	164	6	20	248	50	3	7	151	69	541	Jahr

Beobachter: **H. Bay.**

St. Beatenberg.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.1	5.9	5.8	5.9	120	31	23	16	14	10	—	—	6	5	11	—	—	—	—	—	—	—	—	—	Januar
6.1	5.9	5.8	5.9	37	15	2	7	6	5	—	—	3	14	3	—	—	—	—	—	—	—	—	—	Februar
6.2	6.1	3.8	5.4	87	22	18	9	9	6	—	—	6	7	8	—	—	—	—	—	—	—	—	—	März
6.8	6.4	5.7	6.3	119	25	1	15	11	9	—	—	9	4	12	—	—	—	—	—	—	—	—	—	April
5.5	6.6	4.8	5.6	117	26	6	17	14	5	—	3	7	7	7	—	—	—	—	—	—	—	—	—	Mai
6.5	7.1	6.8	6.8	191	28	27	18	17	—	—	3	11	4	13	—	—	—	—	—	—	—	—	—	Juni
7.0	7.1	6.6	6.9	232	48	8	19	19	—	1	3	9	2	15	—	—	—	—	—	—	—	—	—	Juli
5.7	6.2	4.1	5.3	136	23	14	14	13	—	—	4	9	7	7	—	—	—	—	—	—	—	—	—	August
5.7	5.9	4.7	5.4	131	29	9	17	15	—	—	3	9	6	6	—	—	—	—	—	—	—	—	—	September
5.2	4.9	4.1	4.7	27	11	8	7	5	—	—	—	4	7	5	—	—	—	—	—	—	—	—	—	Oktober
7.5	7.7	6.7	7.3	117	19	13	17	14	7	—	—	6	3	15	—	—	—	—	—	—	—	—	—	November
5.9	6.3	6.0	6.1	138	30	7	15	13	15	—	—	8	7	15	—	—	—	—	—	—	—	—	—	Dezember
6.2	6.3	5.4	6.0	1452	48	VII	171	150	57	1	16	87	73	117	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **U. Fuchs.**

Interlaken (Unterseen).

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●*	●* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.2	7.6	7.7	7.8	93	26	23	11	11	5	—	—	9	2	18	3	2	15	1	1	4	6	8	53	Januar
3.6	3.4	3.9	3.6	35	16	2	5	5	3	—	—	2	13	4	1	2	25	0	1	2	18	2	33	Februar
6.0	5.9	4.6	5.5	63	18	31	7	7	4	—	—	1	5	5	1	1	20	1	1	4	21	6	38	März
7.1	7.2	6.3	6.9	90	24	1	12	10	5	—	1	0	1	12	3	1	11	0	3	10	19	6	37	April
5.4	6.9	6.1	6.1	87	18	1	14	10	—	—	2	0	6	11	1	1	14	1	2	4	20	6	44	Mai
6.1	7.3	7.0	6.8	146	24	21	17	16	—	—	1	0	3	14	4	1	12	2	1	2	23	11	34	Juni
7.2	6.9	6.7	6.9	210	57	30	19	19	—	1	3	3	3	15	3	2	26	0	2	3	18	6	33	Juli
5.5	6.0	4.6	5.4	145	31	20	15	13	—	—	2	0	8	8	3	4	11	1	1	2	20	4	47	August
6.2	6.0	5.6	5.9	104	25	10	14	12	—	1	3	4	4	9	1	0	19	0	0	4	18	4	44	September
6.6	4.9	4.0	5.2	24	7	8	6	5	—	—	—	8	3	6	0	0	17	1	2	6	19	3	45	Oktober
7.8	8.0	7.5	7.8	101	17	13	16	13	—	—	—	3	1	17	2	1	25	2	0	4	17	7	32	November
7.2	6.7	7.4	7.1	141	40	7	11	11	6	—	—	6	2	13	6	2	20	1	2	1	5	10	46	Dezember
6.4	6.4	5.9	6.2	1239	57	VII	147	132	23	2	12	36	51	132	28	17	215	10	16	46	204	73	486	Jahr

Meiringen.

$\lambda = 8° 12'$, $\beta = 46° 44'$, $H_b = 604.7$ m, $G = 0.03$ $^m/_m$, $h_r = 1.6$ m

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	709.4	698.5	21	717.6	6	−1.6	2.1	0.0	0.1	−8.0	25	5.6	30	97	86	91	92	29	14
Februar	712.9	703.5	18	723.4	9	−2.9	3.4	−0.6	−0.2	−7.8	19	6.0	6	89	59	82	76	29	18
März	711.1	699.4	17	723.2	9	2.7	10.1	6.4	6.4	−4.8	2	18.6	30	85	49	67	67	17	30
April	706.1	696.0	12	713.2	2	4.6	11.6	7.6	7.8	−6.6	14	21.8	30	89	52	72	71	26	30
Mai	708.4	698.2	5	716.8	24	8.3	16.4	11.5	11.8	2.6	8	24.6	30	90	49	76	72	29	17
Juni	712.8	706.6	1	717.7	28	11.4	18.4	14.5	14.7	7.0	22	25.5	17	96	60	84	80	27	1
Juli	709.8	704.1	7	715.3	18	11.6	17.3	13.5	14.0	7.1	9	23.4	14	96	65	92	84	35	9
August	710.8	705.6	6	715.8	26	12.6	19.2	15.1	15.6	10.5	14	24.6	29	96	64	90	83	43	23
September	709.6	699.1	14	714.6	22	9.5	16.7	12.0	12.6	4.6	24	23.0	4	98	65	93	85	38	16.30
Oktober	709.7	700.2	29	717.9	13	8.2	14.8	10.5	11.0	0.8	20	21.8	26	88	57	80	75	24	21
November	711.7	698.9	13	720.5	29	3.9	8.5	5.1	5.6	−1.0	21	13.8	4	97	75	94	89	45	3
Dezember	711.7	692.5	28	721.8	21	−2.0	0.9	−1.5	−1.0	−9.8	24	7.0	28	96	85	95	92	38	28
Jahr	710.3	692.5	XII	723.4	II	5.5	11.6	7.8	8.2	−9.8	XII	25.5	VI	93	64	85	81	17	III

Guttannen.

$\lambda = 8° 17'$, $\beta = 46° 39'$, $H_b = 1055.1$ m, $G = -0.04$ $^m/_m$, $h_r = 1.5$ m

Januar	670.8	660.5	21	679.3	5	0.4	2.0	0.9	1.0	−4.2	27	6.8	8	79	75	77	77	30	1
Februar	674.0	665.0	2. 18	683.8	9	−3.9	1.5	−1.5	−1.3	−9.8	19	7.6	5	83	66	77	76	28	25
März	673.3	661.7	18	683.8	9	2.1	6.8	3.6	4.0	−8.0	2	13.5	30	78	60	73	70	28	30
April	668.3	657.4	12	675.4	29	3.0	7.9	4.4	5.0	−10.8	14	18.6	30	86	65	80	77	37	30
Mai	671.3	660.0	5	679.9	26	7.0	12.8	8.4	9.2	0.6	5	25.7	31	86	63	81	77	34	29
Juni	675.6	671.1	25	680.3	28	10.1	15.0	11.0	11.8	3.0	22	22.7	3	89	71	92	84	37	2. 3
Juli	672.7	667.1	7	677.6	17	9.2	14.2	10.5	11.1	4.5	9	21.9	14	96	75	98	90	48	13
August	673.8	668.7	6	678.9	25.26	10.3	16.3	12.0	12.6	6.0	17	23.4	29	96	74	97	89	52	2
September	672.5	664.1	14	676.9	21	8.7	14.2	10.2	10.8	3.0	27	21.0	3	91	71	86	83	38	29
Oktober	672.8	665.0	8	680.0	13	8.2	12.6	9.6	10.0	1.5	15	19.6	25	80	64	77	73	27	21
November	673.8	661.4	13	682.0	19	3.7	6.5	4.5	4.8	−3.2	26	14.6	12	88	77	84	83	33	21
Dezember	672.9	655.4	29	682.6	21	−2.3	−0.3	−1.5	−1.4	−10.4	31	10.5	3	89	82	83	84	30	3
Jahr	672.7	655.4	XII	683.8	II. III	4.7	9.1	6.0	6.5	−10.8	IV	25.7	V	87	70	84	80	27	X

Freiburg.

$\lambda = 7° 9'$, $\beta = 46° 47'$, $H_b = 675$ m, $G = -$ $^m/_m$, $h_r = 1.5$ m

Januar	—	—	—	—	—	−0.2	2.8	0.7	1.0	−6.9	5	7.3	31	93	84	90	89	60	12
Februar	—	—	—	—	—	−2.4	3.0	−1.0	0.1	−8.8	19	7.3	4	83	68	73	75	40	13
März	—	—	—	—	—	2.7	8.8	5.0	5.4	−4.4	19	16.3	30	81	63	74	73	46	13
April	—	—	—	—	—	4.6	10.1	6.5	6.9	−5.9	14	19.5	30	82	62	73	72	40	16
Mai	—	—	—	—	—	9.5	14.8	10.9	11.5	2.5	6	24.0	31	79	59	71	69	44	21
Juni	—	—	—	—	—	12.9	17.9	13.7	14.5	7.8	25	24.1	18	85	61	79	75	38	10
Juli	—	—	—	—	—	12.0	17.1	13.4	14.0	8.3	9	23.5	29	91	68	84	81	40	2
August	—	—	—	—	—	12.9	18.8	15.0	15.4	8.4	16	24.2	29	95	69	85	83	49	2
September	—	—	—	—	—	9.7	15.7	11.5	12.1	4.0	11	23.5	4	99	81	98	93	60	3
Oktober	—	—	—	—	—	6.8	12.6	8.6	9.2	0.8	20	17.0	2	91	72	89	84	50	12.29
November	—	—	—	—	—	4.8	8.1	5.7	6.1	−2.0	21	14.4	2	89	78	87	85	55	8
Dezember	—	—	—	—	—	−0.9	1.9	−0.5	0.0	−7.6	24	7.6	4	84	78	85	82	38	27
Jahr	—	—	—	—	—	6.0	11.0	7.5	8.0	−8.8	II	24.2	VIII	88	70	82	80	38	VI.XII

Château d'Oex.

$\lambda = 7° 7'$, $\beta = 46° 29'$, $H_b =$ ca. 1010 m, $G = -0.01$ $^m/_m$, $h_r = 1.5$ m

Januar	674.6	665.4	21	682.8	5	−1.0	2.7	−0.3	0.3	−6.0	14	5.8	31	80	59	77	72	42	25
Februar	677.8	668.9	17. 18	687.9	9	−4.7	1.7	−2.2	−1.8	−10.5	19	5.4	11	76	54	75	68	32	25
März	676.8	666.1	19	687.5	10	0.5	8.5	3.1	3.8	−9.2	2	16.4	30	76	42	75	64	18	30
April	672.0	661.6	12	678.5	29	2.5	9.6	4.6	5.3	−10.8	14	19.0	29.30	78	49	77	68	24	5
Mai	674.9	663.4	5	683.1	26	7.1	14.1	8.7	9.6	1.2	6	23.3	31	78	47	75	67	26	27
Juni	679.3	674.7	1	683.9	28	10.5	17.2	11.8	12.8	5.6	26	22.8	15	75	48	77	67	32	11
Juli	676.3	671.1	7	681.3	18	9.9	16.4	11.5	12.3	5.9	9	25.0	14	79	50	76	68	28	14
August	677.3	672.6	6	682.3	26	10.7	18.3	12.7	13.6	6.4	16	24.6	28	82	49	80	70	32	15
September	676.0	666.6	14	680.9	21	7.7	15.4	9.8	10.7	3.4	23	22.5	4	86	56	85	76	30	2
Oktober	676.3	668.0	8. 29	683.5	12.13	5.2	13.2	7.4	8.3	0.2	15	18.9	28	83	53	83	73	28	28
November	678.0	666.2	13	686.4	30	2.3	7.0	3.4	4.0	−1.6	26	13.0	2	87	64	85	78	41	5
Dezember	677.2	659.4	29	686.5	21	−3.5	0.8	−2.7	−2.0	−11.4	31	8.5	27	78	60	77	72	22	27
Jahr	676.4	659.4	XII	687.9	II	3.9	10.4	5.7	6.4	−11.4	XII	25.0	VII	80	53	78	70	18	III

Beobachter: **A. Michel.**

Meiringen.

Bewölkung				Niederschlag		Zahl der Tage								Windverteilung								1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum Tag	●	●≧1.0	✳	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
7.3	6.3	7.1	6.9	87	24	23	15	15	8	—	—	4	5	17	0	0	1	0	0	0	2	2	88	Januar
3.7	3.5	3.5	3.6	27	9	2	6	6	4	—	—	0	12	6	0	0	1	0	0	0	5	5	73	Februar
6.3	5.4	3.8	5.2	62	20	31	8	7	4	—	—	1	5	6	0	0	19	0	0	0	9	2	63	März
7.0	6.2	6.4	6.5	86	23	11	12	9	4	—	—	2	2	11	0	0	9	0	0	1	11	5	64	April
5.4	5.7	6.1	5.7	129	24	10	17	17	—	—	2	2	5	10	0	0	10	1	0	0	10	8	64	Mai
5.5	6.4	7.0	6.3	221	31	25	17	17	—	—	2	5	4	12	0	0	3	0	0	0	3	11	73	Juni
7.1	6.8	7.4	7.1	191	23	15	22	20	—	2	3	4	2	16	0	0	2	0	0	0	5	4	82	Juli
5.4	5.9	5.7	5.7	160	30	20	17	16	—	—	2	0	5	11	0	0	0	0	0	0	9	7	77	August
6.0	5.2	5.8	5.7	124	35	10	13	13	—	—	—	7	4	7	0	0	2	0	0	0	9	9	70	September
5.9	4.6	4.3	4.9	22	9	8	5	4	—	—	—	3	4	4	0	0	18	0	0	0	11	4	60	Oktober
7.7	6.7	6.3	6.9	113	16	27	16	15	—	—	—	10	4	15	0	0	2	0	0	0	2	4	82	November
7.5	6.4	7.0	7.0	117	29	6	17	14	14	—	—	8	3	17	0	0	1	0	0	0	3	4	85	Dezember
6.2	5.8	5.9	6.0	1339	35	IX	165	153	34	2	9	46	55	132	0	0	68	1	0	1	79	65	881	Jahr

Beobachter: Frau **K. Fischer.**

Guttannen.

4.6	4.9	4.9	4.8	121	24	23	14	13	11	—	—	1	8	8	3	1	1	23	0	2	0	1	62	Januar
2.4	2.7	2.5	2.5	51	27	2	5	5	5	—	—	1	17	2	0	0	1	11	0	2	4	0	66	Februar
4.9	4.8	3.6	4.4	121	48	31	9	7	6	—	—	2	8	3	1	1	0	29	1	2	4	1	54	März
6.8	6.0	5.9	6.2	154	47	1	17	16	9	—	—	1	2	12	0	0	0	22	0	0	12	4	52	April
5.3	6.2	5.8	5.8	207	45	10	17	17	9	—	2	1	5	9	0	2	2	24	0	1	13	5	46	Mai
6.2	6.6	6.4	6.4	221	34	25	19	18	2	—	2	0	1	11	0	1	0	11	0	0	16	8	54	Juni
7.4	6.6	7.5	7.2	235	28	8	22	21	—	—	6	1	1	14	0	1	0	0	0	1	16	9	66	Juli
5.3	5.2	6.0	5.5	148	31	14	16	15	—	—	2	0	5	8	0	0	0	0	0	2	7	9	75	August
5.1	5.1	4.7	5.0	125	34	10	14	14	—	—	1	3	6	7	0	0	0	16	0	2	11	3	58	September
4.7	3.9	4.0	4.2	95	24	5	7	7	—	—	—	1	7	5	0	2	1	33	0	0	7	2	48	Oktober
6.2	5.8	5.4	5.8	154	27	24	16	14	10	—	—	0	5	11	1	1	2	14	0	1	5	0	66	November
5.4	5.7	5.3	5.5	217	50	10	16	16	16	—	—	0	8	9	0	0	0	8	0	0	6	0	79	Dezember
5.4	5.3	5.2	5.3	1849	50	XII	172	163	68	—	13	11	73	99	5	9	7	191	1	13	101	42	726	Jahr

Beobachter: **A. Gockel.**

Freiburg.

8.3	8.3	8.6	8.4	57	12	21	16	14	7	—	—	10	1	20	2	9	1	0	6	45	6	2	22	Januar
5.5	3.7	3.6	4.3	30	9	2	5	5	4	—	—	4	9	6	4	33	1	0	7	21	8	5	5	Februar
7.0	7.6	4.6	6.4	113	21	17	9	9	4	—	1	3	4	9	3	13	0	0	15	39	9	1	13	März
7.5	7.5	6.3	7.1	74	14	22	15	13	3	—	5	0	2	16	2	28	1	1	9	35	4	1	9	April
5.5	7.1	6.8	6.5	85	21	10	17	14	1	—	4	0	4	12	1	29	0	0	16	20	9	3	15	Mai
6.9	7.0	7.2	7.0	75	13	25	14	13	—	—	4	2	3	12	7	15	1	0	7	28	18	3	11	Juni
7.0	7.5	7.1	7.2	95	12	6	17	15	—	—	5	0	3	15	8	12	1	0	8	42	11	0	11	Juli
6.1	5.6	4.8	5.5	51	12	19	11	9	—	—	3	1	9	9	3	23	0	1	8	28	11	1	18	August
7.7	7.0	5.5	6.7	80	25	14	17	14	—	—	4	10	2	10	6	20	0	6	11	33	3	1	10	September
8.3	7.0	5.7	7.0	32	9	8	9	6	—	—	—	8	1	12	2	12	0	0	7	40	10	6	16	Oktober
9.2	9.1	8.2	8.8	147	53	12	17	13	2	—	1	7	0	21	1	2	1	0	5	58	2	0	21	November
7.4	7.7	7.5	7.5	40	10	6	9	9	7	—	—	4	2	19	1	15	0	0	6	49	3	0	19	Dezember
7.2	7.1	6.3	6.9	879	53	XI	156	134	28	—	27	49	40	161	40	211	6	8	105	438	94	23	170	Jahr

Beobachter: **Sanatorium.**

Château d'Oex.

7.1	5.9	5.2	6.1	86	19	21	14	13	9	—	—	4	5	12	1	0	0	0	1	2	13	0	76	Januar
3.9	2.8	2.6	3.1	38	19	2	7	5	5	—	1	1	15	6	2	2	0	0	0	6	4	0	70	Februar
5.8	6.0	4.0	5.3	76	19	21	9	8	6	—	1	0	7	8	1	1	0	0	1	9	7	0	74	März
6.3	6.6	5.6	6.2	86	21	17	11	11	5	—	—	1	6	12	1	3	0	0	1	24	4	1	56	April
5.0	6.9	5.3	5.7	85	22	10	13	12	5	—	4	0	7	7	2	2	0	0	1	16	8	1	63	Mai
5.5	6.9	6.5	6.3	98	29	18	15	12	—	—	3	0	5	12	1	0	0	0	0	27	0	0	62	Juni
6.7	6.9	6.6	6.7	171	26	23	17	17	—	—	3	0	4	15	0	0	0	0	0	25	0	0	68	Juli
5.6	5.8	4.4	5.3	87	23	6	12	11	—	—	3	0	7	10	0	2	0	0	0	17	0	0	74	August
5.7	5.8	5.1	5.5	85	16	7	15	13	—	—	1	1	4	7	0	0	0	0	0	16	1	0	73	September
5.6	4.3	3.2	4.4	35	12	4	7	7	—	—	—	0	8	6	1	2	0	0	2	7	0	1	80	Oktober
7.3	8.0	6.1	7.1	135	34	13	17	16	5	—	—	1	3	16	0	0	0	0	1	11	1	2	75	November
5.4	4.8	4.5	4.9	80	32	6	12	10	10	—	—	0	10	10	0	0	0	0	0	9	0	0	84	Dezember
5.8	5.9	4.9	5.5	1062	34	XI	149	135	45	—	16	8	81	121	9	12	0	0	7	169	38	5	855	Jahr

La Chaux-de-Fonds.

$\lambda = 6°50'$, $\beta = 47°7'$, $H_b = 986.5^m$, $G = -0.01\ ^m/_m$, $h_r = 1.3^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	676.1	665.5	21	683.9	5	0.0	3.6	0.7	1.3	−4.6	10	7.9	1	91	79	87	86	56	1
Februar	679.5	670.0	18	689.7	8	−3.3	2.8	−1.7	−1.0	−8.5	16	8.2	11	82	66	79	76	25	24
März	678.3	667.3	19	689.3	9. 10	1.6	6.7	2.3	3.2	−8.9	2	15.4	30	83	69	84	79	38	30
April	673.7	661.6	12	680.3	2	2.9	8.1	4.1	4.8	−10.7	14	18.7	30	84	70	84	79	43	4
Mai	676.6	665.7	5	684.4	26	8.3	13.2	8.5	9.6	1.3	6	23.4	31	79	62	79	74	39	29
Juni	681.2	676.4	1	685.1	28	11.1	15.1	11.5	12.0	6.5	6	21.4	3	79	65	79	74	25	10
Juli	678.2	672.5	7	683.2	18	10.7	14.8	11.1	11.9	6.5	9	24.9	14	84	67	85	79	43	14
August	679.2	674.3	6	684.0	25	11.5	17.3	12.7	13.6	6.7	8	25.4	29	84	62	84	77	41	27
September	677.8	668.6	17	682.7	21	8.7	14.9	9.6	10.7	3.2	20	23.4	3	89	66	88	81	42	3
Oktober	678.2	669.4	29	685.8	12. 13	5.9	12.9	7.3	8.3	−0.6	15	19.1	25	88	62	86	79	33	18
November	679.1	666.5	13	687.0	18	4.1	7.3	4.3	5.0	−1.9	25	16.6	3	90	81	90	87	62	10
Dezember	678.4	659.9	28	687.7	21	−2.7	1.0	−2.4	−1.6	−10.8	23	10.7	3	88	81	88	85	45	9
Jahr	678.0	659.9	XII	689.7	II	4.9	9.7	5.7	6.5	−10.8	XII	25.4	VIII	85	69	84	80	25	II. VI

Lausanne (Champ de l'air).

$\lambda = 6°38'$, $\beta = 46°31'$, $H_b = 552.9^m$, $G = 0.01\ ^m/_m$, $h_r = 1.4^m$

Januar	713.9	704.5	21	722.1	6	1.9	4.0	2.5	2.7	−1.8	6	7.6	24	89	83	86	86	69	31
Februar	717.1	708.1	18	727.1	9	−0.5	4.0	1.4	1.5	−6.0	23	8.4	12	79	69	70	73	40	13
März	715.5	704.5	17	727.3	10	4.0	9.5	6.4	6.6	−1.0	9	15.2	30	81	61	72	71	39	30
April	710.5	700.5	12	717.8	2	6.1	11.3	7.9	8.3	−3.2	13. 14	20.4	29	81	60	70	70	42	15
Mai	712.8	702.6	5	720.9	26	10.9	16.0	11.7	12.6	4.2	6	26.3	27	76	60	72	69	38	20
Juni	717.1	711.8	1	722.1	28	14.4	19.7	14.7	15.9	9.5	6	25.2	17	75	57	72	68	47	16.18 21.30
Juli	714.0	709.0	7	719.2	18	13.6	18.7	14.5	15.3	9.0	8	25.4	29. 30	77	60	72	70	42	1
August	714.8	710.0	6	719.8	26	14.6	20.1	16.0	16.7	11.4	10	24.9	29	84	60	75	73	41	2
September	713.8	704.4	14	719.1	21. 22	11.9	17.1	12.8	13.7	8.0	11	24.0	4	86	63	86	79	47	19
Oktober	714.2	704.9	8	721.9	13	9.0	13.6	9.7	10.5	5.6	14	17.3	3	93	73	88	85	58	13
November	716.3	704.2	13	724.1	19	6.4	9.3	6.8	7.3	2.6	26	15.0	2	89	78	90	86	52	6
Dezember	716.3	699.1	29	726.3	21	0.9	3.2	1.1	1.6	−4.8	31	8.4	4	82	75	82	80	53	27
Jahr	714.7	699.1	XII	727.3	III	7.8	12.2	8.8	9.4	−6.0	II	26.3	V	83	67	78	76	38	V

Clarens (Montreux).

$\lambda = 6°54'$, $\beta = 46°27'$, $H_b = 376.2^m$, $G = 0.04\ ^m/_m$, $h_r = 1.6^m$

Januar	729.7	720.1	21	738.2	6	2.6	5.2	3.7	3.9	−0.6	6	9.2	24	83	69	78	76	42	12
Februar	733.1	723.9	18	743.1	9	0.6	5.1	2.2	5.5	−2.9	20	10.3	4	77	61	73	70	44	9
März	731.1	718.7	17	743.8	10	4.8	9.3	7.4	7.2	0.1	3	17.6	29	74	57	63	65	27	29
April	725.8	715.5	12	733.7	2	7.0	10.7	9.2	9.0	−1.8	14	17.9	30	78	60	64	67	30	4
Mai	727.9	717.2	5	736.2	26	11.3	14.9	13.2	13.2	4.2	5	23.9	16	75	58	64	65	30	16
Juni	732.2	726.7	1	737.3	29	14.8	18.7	16.7	16.7	11.1	25. 26	22.2	17	75	55	63	64	29	10
Juli	729.0	723.8	7	734.5	18	14.3	17.9	16.3	16.2	10.2	8	23.5	14	72	58	66	65	32	22
August	729.7	724.5	6	735.1	26	15.4	19.9	17.5	17.6	12.0	10	23.8	25	83	59	71	71	42	7
September	728.8	718.6	14	734.5	22	12.7	17.4	14.5	14.8	8.5	11	22.4	6	88	61	81	77	40	12
Oktober	729.4	719.4	8	737.8	13	9.8	14.6	11.3	11.7	6.1	19. 20	18.2	22	91	66	84	80	45	9
November	731.9	718.9	13	740.1	27	7.3	10.8	8.1	8.6	3.0	30	15.5	2	85	67	84	79	40	6
Dezember	732.1	713.9	29	742.4	21	1.7	5.4	2.9	3.2	−3.6	31	9.9	4	78	62	74	71	36	27
Jahr	730.1	713.9	XII	743.8	III	8.5	12.4	10.3	10.4	−3.6	XII	23.9	V	80	61	71	71	27	III

Siders.

$\lambda = 7°32'$, $\beta = 46°18'$, $H_b = 551.6^m$, $G = 0.00\ ^m/_m$, $h_r = 1.2^m$

Januar	715.2	706.1	21	724.7	5	−0.6	4.0	0.6	1.2	−5.0	25	7.2	29	81	65	78	74	42	1
Februar	718.1	708.3	17	729.9	9	−1.8	5.6	0.5	1.2	−5.0	19.20 23.24	8.8	25	76	48	72	66	21	24
März	716.4	705.2	17. 18	728.9	10	4.0	12.5	6.7	7.5	−3.2	2	19.0	30	73	38	61	57	20	30
April	710.7	700.6	12	717.3	1	6.7	14.3	9.2	9.9	−4.2	14	25.2	29	71	41	58	57	20	16
Mai	713.0	700.5	5	722.4	27	12.1	19.4	12.9	14.3	5.2	5	28.0	27	68	37	63	56	20	20
Juni	716.7	711.3	25	722.1	29	15.2	22.2	16.1	17.4	10.0	25	28.0	17	70	42	66	60	24	2
Juli	714.0	708.1	7	719.6	18	14.2	21.0	15.6	16.6	10.6	9	26.6	30	72	49	67	63	25	9
August	714.9	709.2	6	720.9	26	15.6	22.3	16.7	17.9	12.0	14. 16	28.4	28	76	50	72	66	34	15
September	714.5	703.3	14	719.8	21. 22	11.8	19.4	13.7	14.6	7.0	24. 25	26.0	3	84	52	79	72	30	3. 29
Oktober	715.0	705.1	8	722.5	13	8.7	16.6	10.8	11.7	2.2	20	22.2	26	79	47	75	67	20	21
November	717.3	704.4	13	726.1	30	5.0	10.1	6.0	6.7	0.0	30	15.6	1	88	65	83	78	41	1
Dezember	716.9	699.0	29	728.5	21	−1.0	3.9	−0.1	0.7	−7.0	31	8.4	1	81	64	81	75	35	28
Jahr	715.2	699.0	XII	729.9	II	7.5	14.3	9.1	10.0	−7.0	XII	28.4	VIII	77	50	71	66	20	III. IV V. X

Beobachter: **L. Leuba.**

La Chaux-de-Fonds.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	✳	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
7.2	7.2	6.6	7.0	151	28	21	18	15	13	—	—	3	7	18	0	2	1	4	49	33	0	0	4	Januar
4.1	4.0	2.4	3.5	54	15	2	7	7	7	—	—	1	16	6	0	27	11	3	18	17	1	0	7	Februar
7.1	7.7	3.9	6.2	116	26	17	13	10	7	—	—	0	2	9	1	10	3	0	24	41	1	0	13	März
7.5	8.0	5.8	7.1	123	28	19	17	16	8	2	5	3	2	14	1	22	7	3	15	28	0	0	14	April
5.3	7.0	5.8	6.0	99	14	6	18	17	4	3	3	3	4	10	5	19	4	2	11	32	3	4	13	Mai
6.5	8.2	6.6	7.1	80	14	27	17	12	—	—	5	0	2	13	11	14	5	0	7	43	2	1	7	Juni
6.5	7.7	6.0	6.7	128	19	23	18	13	—	1	2	0	3	15	5	19	2	3	1	45	2	7	9	Juli
4.6	5.5	3.5	4.5	104	20	29	14	13	—	—	4	0	10	8	2	31	0	0	3	28	1	3	25	August
5.4	6.1	3.4	5.0	143	33	14	15	15	—	—	4	0	9	4	5	19	1	3	6	28	1	1	26	September
6.3	6.2	3.8	5.4	59	25	8	13	9	—	—	—	2	6	7	1	13	2	2	30	27	0	0	18	Oktober
7.6	7.9	7.2	7.6	196	46	12	22	19	8	1	2	2	2	18	0	7	0	0	14	61	0	0	8	November
8.8	8.1	8.8	8.5	97	26	6	17	11	14	—	—	5	8	17	1	15	2	4	27	34	4	2	4	Dezember
6.4	7.0	5.3	6.2	1350	46	XI	189	157	61	7	25	19	71	139	32	198	38	24	205	417	15	18	148	Jahr

Beobachter: **D. Valet.**

Lausanne (Champ de l'air).

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	✳	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.6	7.5	8.1	8.1	72	9	20	15	13	3	—	—	5	0	19	0	2	3	2	0	12	9	2	63	Januar
3.5	3.0	2.9	3.1	32	13	27	6	4	1	—	1	1	14	3	3	29	4	0	2	16	1	0	29	Februar
4.9	4.2	4.2	4.4	180	37	20	10	9	3	—	—	0	10	6	5	17	10	0	1	25	14	3	18	März
5.6	4.8	5.3	5.2	62	18	19	14	11	2	1	2	2	6	8	0	23	3	1	2	28	7	0	26	April
4.1	4.6	4.5	4.4	89	20	10	14	12	—	—	5	0	8	3	4	12	2	5	2	6	8	0	54	Mai
4.3	4.2	4.9	4.5	53	13	25	13	8	—	—	3	0	7	3	8	20	3	5	3	10	8	4	29	Juni
5.4	5.2	5.1	5.2	124	22	16	18	15	—	—	2	0	7	7	3	18	3	4	2	16	13	1	33	Juli
4.3	4.2	3.9	4.1	63	12	19	11	9	—	—	5	0	9	4	4	18	3	1	5	6	8	1	47	August
5.7	5.2	4.4	5.1	69	27	14	13	12	—	—	3	0	2	2	3	17	2	0	2	11	3	0	52	September
7.4	4.9	3.7	5.3	60	19	8	13	9	—	—	—	1	4	8	6	25	3	3	4	11	5	0	36	Oktober
7.8	7.2	6.5	7.2	162	50	12	17	16	—	—	2	0	1	12	0	12	6	5	1	15	15	3	33	November
6.7	6.2	6.3	6.4	49	28	6	10	5	3	—	—	4	2	12	5	22	2	2	3	6	10	2	41	Dezember
5.7	5.1	5.0	5.3	1015	50	XI	154	123	12	1	23	13	70	87	41	215	44	28	27	162	101	16	461	Jahr

Beobachter: **C. Bührer.**

Clarens (Montreux).

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	✳	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
8.2	7.3	7.9	7.8	58	9	18	14	12	3	—	—	0	0	15	0	0	0	1	3	1	0	3	85	Januar
3.9	3.0	2.3	3.1	41	21	2	5	5	1	—	1	1	14	4	1	0	0	0	1	2	0	0	80	Februar
5.2	4.5	3.6	4.4	121	27	17	9	8	2	—	—	0	10	7	1	1	0	0	3	0	0	0	88	März
5.9	5.4	6.0	5.8	63	20	1	13	9	1	—	—	0	7	12	0	1	0	0	1	0	1	0	87	April
4.5	5.9	5.1	5.2	89	26	10	12	11	—	2	4	0	7	7	1	1	0	1	2	0	1	2	85	Mai
5.0	5.4	6.1	5.5	82	21	19	12	10	—	—	2	0	7	8	1	1	0	0	2	1	4	1	80	Juni
5.8	6.0	6.2	6.0	151	20	22	17	17	—	—	3	0	5	14	0	1	0	0	1	1	1	0	89	Juli
4.7	4.5	4.1	4.4	67	16	6	11	11	—	—	4	0	9	5	0	1	0	0	0	1	1	1	89	August
4.9	5.2	3.6	4.6	85	27	10	15	14	—	—	4	0	6	4	0	0	0	0	2	2	1	0	85	September
4.7	4.6	4.1	4.5	46	19	8	7	6	—	—	—	0	8	5	0	0	0	0	2	1	1	1	88	Oktober
7.3	7.1	7.4	7.3	145	34	12	16	13	—	—	1	0	3	14	2	0	0	1	0	2	0	0	85	November
5.4	4.4	6.0	5.3	72	28	6	10	10	3	—	—	0	7	9	0	0	0	0	2	0	0	0	91	Dezember
5.5	5.3	5.2	5.3	1020	34	XI	141	126	10	2	19	1	83	104	6	6	0	3	19	11	10	8	1032	Jahr

Beobachter: **F. de Courten.**

Siders.

Bewölkung 7^{30}	1^{30}	9^{30}	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ●*	●* ≥1.0	✳	▲	K	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
5.5	5.4	3.3	4.7	65	14	21	11	10	7	—	—	0	8	6	0	0	0	0	0	0	0	0	93	Januar
2.1	2.6	0.9	1.9	12	7	1	3	3	2	—	—	0	20	1	0	1	0	0	0	0	0	0	83	Februar
4.2	5.0	3.3	4.2	41	22	31	5	5	—	—	—	0	12	6	0	11	0	0	0	4	0	0	78	März
6.0	6.2	4.0	5.4	49	15	19	6	6	2	—	—	0	5	7	0	7	0	0	0	7	0	0	76	April
4.3	5.8	3.8	4.6	24	12	1	6	4	—	—	—	0	6	6	0	6	0	0	0	4	4	0	79	Mai
4.2	5.5	3.9	4.5	35	9	4	10	9	—	—	2	0	7	5	0	3	0	0	0	7	13	0	67	Juni
5.4	5.1	5.2	5.2	52	10	30	16	14	—	—	—	0	8	7	1	1	0	0	0	6	3	0	82	Juli
4.2	4.6	3.2	4.0	31	8	19	11	10	—	1	2	0	10	4	0	0	0	0	0	7	4	0	82	August
4.6	4.9	2.5	4.0	35	12	10	10	9	—	—	—	0	10	3	0	4	0	0	0	0	0	0	86	September
4.1	4.7	2.0	3.6	10	5	29	6	4	—	—	—	0	14	4	0	12	0	0	0	0	0	0	81	Oktober
6.2	7.6	5.4	6.4	62	16	13	15	13	—	—	—	0	4	13	0	0	0	0	0	0	1	0	89	November
4.1	4.0	3.4	3.8	36	20	6	5	5	2	—	—	0	13	6	0	1	0	0	0	1	2	0	89	Dezember
4.6	5.1	3.4	4.4	452	22	III	104	92	13	1	4	0	117	68	1	46	0	0	0	36	27	0	985	Jahr

Reckingen.

$\lambda = 8° 14'$, $\beta = 46° 28'$, $H_b = 1332.4^m$, $G = -0.08\ ^m/_m$, $h_r = 1.6^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	648.4	639.3	21	657.8	6	−6.2	−0.3	−4.8	−3.8	−13.4	10	4.4	29	83	66	79	76	45	8
Februar	650.7	641.2	17	660.9	9	−9.3	1.4	−5.6	−4.8	−15.8	24	7.3	11	75	50	70	65	34	25
März	651.1	639.0	18	660.0	10	−2.5	5.8	−0.4	0.6	−13.8	2	9.6	12	77	47	71	65	35	4. 10
April	645.5	634.4	12	653.1	29	0.3	5.9	0.9	2.0	−12.4	14	14.7	28	76	52	74	67	36	7
Mai	648.9	636.1	5	657.7	26	5.4	13.2	6.0	7.6	−0.1	5	21.5	30	78	44	70	64	32	8. 22
Juni	652.7	647.8	25	656.2	29	9.9	17.0	9.8	11.6	4.8	26	23.2	16	72	45	69	62	29	14
Juli	649.9	644.3	6	654.7	18	8.7	16.5	9.6	11.1	4.5	9	24.2	30	80	45	73	66	29	30
August	651.2	646.1	6	656.3	26	8.9	18.9	11.1	12.5	3.7	17	24.4	29	84	41	70	65	30	1.2.3
September	650.2	641.3	17	654.6	8	5.7	15.2	8.2	9.3	0.1	24	21.4	4	88	45	79	72	25	11
Oktober	—	644.2	8	656.6	13	1.8*	12.6*	5.9*	6.6*	−1.1	17	17.9	18	—	—	—	—	26	20
November	—	—	—	658.7	30	−2.5*	6.4*	−0.1*	0.9*	−6.2	27	—	—	—	—	—	—	46	21.22
Dezember	649.8	631.8	29	659.2	21	−7.8	−2.2	−0.6	−5.8	−18.1	31	4.4	3. 4	80	61	76	73	46	19
Jahr	—	631.8	XII	660.9	II	1.0	9.2	2.8	4.0	−18.1	XII	24.4	VIII	—	—	—	—	25	IX

Grono.

$\lambda = 9° 9'$, $\beta = 46° 15'$, $H_b = 335^m$, $G = -0.04\ ^m/_m$, $h_r = 1.3^m$

Januar	733.7	724.3	21	743.4	5	−0.5	3.9	0.6	1.2	−4.8	10	9.6	24	87	65	84	78	38	13
Februar	736.4	727.0	28	745.8	9	−0.2	7.4	2.4	3.0	−5.8	19	17.2	11	78	47	65	63	24	14
März	735.3	719.6	18	744.5	10	4.2	11.7	6.6	7.3	−3.4	3	18.6	30	86	52	72	70	22	1
April	728.6	716.9	12	734.6	29	7.6	14.2	9.4	10.2	0.0	14	22.0	29	77	48	69	65	20	15
Mai	730.4	717.0	5	739.3	26	12.8	19.3	14.0	15.0	7.6	5	28.2	27	78	47	69	65	26	20
Juni	733.2	726.1	25	740.2	15	17.6	24.1	17.9	19.4	11.4	6	30.6	12	67	44	63	58	22	28
Juli	729.6	723.1	11	735.8	27	16.9	23.7	17.7	19.0	13.2	8	30.2	30	72	46	68	62	26	2
August	731.4	725.6	7	736.8	26	16.5	24.6	18.2	19.4	12.2	9	28.8	4.5 25.26	83	48	76	69	28	16
September	732.2	723.5	15	737.1	8	12.9	19.3	14.4	15.3	8.0	24	26.4	3. 6	93	59	87	80	30	21. 22
Oktober	734.1	724.9	8	742.2	14	8.9	15.5	10.6	11.4	4.4	21	19.4	9	98	63	95	85	32	13
November	734.0	719.1	13	742.9	20	5.9	11.9	7.0	8.0	2.0	27	15.6	17	88	57	83	76	27	29
Dezember	732.7	712.3	29	744.4	20	1.7	7.1	2.6	3.5	−4.0	24	17.0	11	73	51	68	64	23	14
Jahr	732.6	712.3	XII	745.8	II	8.8	15.2	10.1	11.0	−5.8	II	30.6	VI	82	52	75	70	20	IV

Bellinzona.

$\lambda = 9° 1'$, $\beta = 46° 12'$, $H_b = 236.6^m$, $G = —\ ^m/_m$, $h_r = 1.6^m$

Januar	—	—	—	—	—	0.2	4.9	1.0	1.8	−4.6	14	9.6	24	78	56	78	70	31	12.13 22
Februar	—	—	—	—	—	0.3	7.1	2.7	3.2	−5.6	19	14.4	14	73	42	64	59	18	14
März	—	—	—	—	—	4.4	11.7	7.0	7.5	−3.7	3	19.5	30	79	51	69	66	19	9
April	—	—	—	—	—	8.4	14.2	9.8	10.5	1.9	14	22.3	29	74	51	70	65	19	15
Mai	—	—	—	—	—	13.0	19.2	15.0	15.5	7.8	5	27.5	28	68	46	66	60	22	23
Juni	—	—	—	—	—	18.1	24.5	19.5	20.4	11.6	6	29.3	12	63	45	59	56	27	7. 30
Juli	—	—	—	—	—	17.0	24.0	19.0	19.7	11.4	11	29.6	30	72	48	67	63	26	9
August	—	—	—	—	—	16.5	25.0	19.3	20.0	10.0	15	30.5	3	77	49	75	67	26	21
September	—	—	—	—	—	13.4	19.7	14.9	15.8	7.3	24	25.4	4	85	58	87	77	22	21
Oktober	—	—	—	—	—	9.4	15.6	11.0	11.8	4.4	19	20.4	13	92	62	91	81	25	13
November	—	—	—	—	—	6.3	12.5	7.4	8.4	0.8	27	16.7	29	88	59	86	78	26	27
Dezember	—	—	—	—	—	1.6	7.5	3.0	3.8	−4.0	24	18.2	11	73	47	72	64	21	14
Jahr	—	—	—	—	—	9.0	15.5	10.8	11.5	−5.6	II	30.5	VIII	77	51	74	67	18	II

Locarno (Muralto).

$\lambda = 8° 48'$, $\beta = 46° 10'$, $H_b = 238.7^m$, $G = 0.05\ ^m/_m$, $h_r = 1.2^m$

Januar	743.1	733.6	21	752.8	5	1.5	5.7	2.6	3.1	−1.2	13.21	9.4	23	73	72	70	72	34	22
Februar	745.8	736.7	28	755.2	9	1.6	7.3	3.9	4.2	−4.2	19	15.0	14	65	51	58	58	24	14
März	744.6	728.2	18	754.6	10	5.7	11.4	7.9	8.2	−2.0	3	17.3	30	74	56	67	66	19	9
April	737.7	725.6	12	743.7	29	9.1	14.0	10.3	10.9	2.0	13	20.2	30	70	54	63	62	17	15
Mai	739.4	725.8	5	748.9	26	13.2	18.8	14.7	15.4	8.2	5	28.4	28	73	52	63	63	23	7. 20
Juni	742.0	734.6	25	748.3	15	17.6	23.6	18.7	19.6	12.2	6	30.0	12	63	46	55	55	23	26.30
Juli	738.3	732.2	11	744.3	14.27	16.9	23.2	18.6	19.3	11.6	11	27.8	30	67	48	60	58	22	9
August	740.3	734.7	7	745.6	26	17.4	23.6	19.2	19.9	13.6	9	27.3	4	78	53	66	66	30	21
September	741.2	732.0	17	746.2	8	14.5	18.6	15.1	15.8	10.6	23	24.2	3	83	64	79	75	30	21
Oktober	743.2	733.7	8	751.7	14	10.6	15.0	11.7	12.2	6.8	18	19.4	9	87	71	85	81	32	13
November	743.2	728.2	13	752.4	20	7.5	11.5	8.4	8.9	3.2	27	16.8	29	74	63	75	71	30	29
Dezember	741.7	720.4	29	754.1	21	3.0	7.5	3.9	4.6	−1.6	24	17.0	11	67	55	60	61	18	25.30
Jahr	741.7	720.4	XII	755.2	II	9.9	15.0	11.2	11.8	−4.2	II	30.0	VI	73	57	67	66	17	IV

Beobachter: **J. Schmid. A. Briw.**

Reckingen.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	●	●≧1.0	✳	▲	⛆	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.2	5.4	4.4	5.3	150	55	23	12	12	12	—	—	0	8	9	1	5	1	4	0	3	0	0	79	Januar
3.1	3.0	2.5	2.9	34	27	2	3	3	3	—	—	0	14	4	1	0	1	3	0	0	0	0	79	Februar
5.0	5.0	4.2	4.7	98	57	31	9	9	7	—	—	0	11	7	1	1	2	1	6	5	1	1	75	März
6.6	7.4	7.1	7.0	126	32	1	14	12	9	—	—	0	3	15	8	0	3	3	1	2	1	1	71	April
6.0	6.5	5.3	5.9	96	47	10	13	10	6	—	—	0	5	11	3	8	7	7	1	4	0	0	63	Mai
6.2	6.6	5.4	6.1	72	18	20	10	10	—	—	—	3	3	10	2	17	6	4	3	0	0	3	55	Juni
6.5	6.4	5.4	6.1	75	14	19	15	13	—	—	—	3	3	9	4	7	11	6	5	3	0	2	55	Juli
5.3	4.9	4.1	4.8	56	9	6	12	11	—	—	—	4	9	7	1	13	10	3	1	0	1	0	64	August
5.3	5.9	5.4	5.5	97	20	16	12	12	—	—	—	2	8	11	2	5	5	5	2	2	0	0	69	September
5.3	5.1	4.8	5.1	132	40*	28	9	8	—	—	—	0	9	8	—	—	—	—	—	—	—	—	—	Oktober
6.6	6.9	5.2	6.2	70*	—	—	14	13	11	—	—	2	6	16	—	—	—	—	—	—	—	—	—	November
4.1	4.4	4.0	4.2	74	29	6	8	7	8	—	—	0	12	6	0	0	4	3	1	1	5	0	79	Dezember
5.5	5.6	4.8	5.3	1080	57	III	131	120	56	—	—	14	91	113	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: **H. Battaglia.**

Grono.

5.3	5.1	4.5	5.0	12	8	20	3	3	1	—	—	6	9	7	0	2	0	0	0	5	0	0	86	Januar
3.6	3.2	3.1	3.3	4	2	19	2	2	2	—	—	4	14	5	0	6	0	0	0	4	0	0	74	Februar
6.3	6.4	4.8	5.8	154	33	31	12	10	—	—	1	1	7	14	0	5	0	6	0	9	0	2	71	März
5.8	6.8	5.4	6.0	178	37	25	14	13	—	—	—	0	7	12	0	7	0	3	1	7	0	2	70	April
5.4	7.0	4.5	5.6	129	25	10	13	11	—	—	2	1	8	9	0	8	0	2	0	12	0	4	67	Mai
5.1	4.9	4.1	4.7	101	33	6	8	7	—	—	1	0	9	5	0	14	0	1	0	15	0	2	58	Juni
4.4	5.8	5.1	5.1	135	45	15	10	10	—	—	2	0	8	7	0	10	0	4	0	16	0	3	60	Juli
4.6	5.0	3.4	4.3	97	25	30	9	9	—	—	1	0	11	5	0	2	0	6	0	8	0	3	74	August
6.2	7.1	6.8	6.7	171	40	4	14	13	—	—	1	1	3	13	1	4	0	1	0	1	0	0	83	September
5.5	5.9	5.5	5.6	275	103	8	14	12	—	—	2	2	9	13	0	2	0	1	0	2	0	0	88	Oktober
5.3	5.1	4.5	5.0	70	18	12	8	6	—	—	—	1	8	9	0	2	0	0	0	2	0	0	86	November
2.3	3.0	2.9	2.7	14	8	4	5	2	—	—	—	1	19	4	0	13	0	1	0	2	0	1	76	Dezember
5.0	5.4	4.6	5.0	1340	103	X	112	98	3	—	10	17	112	103	1	75	0	25	1	83	0	17	893	Jahr

Beobachter: **A. Lienhard.**

Bellinzona.

6.1	6.2	4.4	5.6	10	8	20	4	2	3	—	—	5	5	10	2	10	1	0	7	3	1	0	69	Januar
4.3	3.7	2.7	3.6	1	1	19	1	0	1	—	—	4	11	4	9	11	0	0	4	5	0	0	55	Februar
6.5	6.0	4.7	5.7	225	57	17	12	12	—	—	1	4	6	12	3	12	2	3	5	8	1	0	59	März
6.0	6.1	4.2	5.4	211	43	25	13	12	—	—	—	4	7	11	5	21	1	1	7	2	2	0	51	April
4.7	5.7	3.9	4.8	127	28	17	12	10	—	—	3	1	10	7	9	17	1	3	8	4	1	0	50	Mai
4.7	4.2	4.1	4.3	108	32	4	8	7	—	—	4	1	11	3	14	32	2	2	12	5	0	0	23	Juni
3.9	4.5	3.9	4.1	200	80	15	14	12	—	1	4	0	8	5	16	16	9	0	8	5	2	0	37	Juli
4.5	4.5	2.3	3.8	120	36	30	10	9	—	—	1	0	9	3	10	11	1	2	22	2	2	0	43	August
6.3	6.3	5.4	6.0	218	60	4	14	14	—	—	1	5	2	10	12	5	4	2	12	5	1	0	49	September
6.0	5.5	4.5	5.3	353	138	8	14	13	—	—	2	4	10	9	11	8	1	0	13	1	1	0	58	Oktober
5.5	6.2	3.3	5.0	72	19	23	7	6	—	1	1	2	7	7	13	11	0	1	7	4	1	0	53	November
3.5	3.2	2.2	3.0	9	8	4	2	2	—	—	—	1	16	4	16	15	1	3	2	1	0	0	55	Dezember
5.2	5.2	3.8	4.7	1654	138	X	111	99	4	2	17	31	102	85	120	169	23	17	107	45	12	0	602	Jahr

Beobachter: **G. Mariani.**

Locarno (Muralto.)

5.4	4.9	4.5	4.9	13	8	20	5	3	3	—	—	0	7	9	0	0	0	0	0	0	0	0	93	Januar
3.1	2.8	2.8	2.9	1	0	19	1	0	1	—	—	0	14	4	1	1	0	0	0	0	2	0	80	Februar
5.7	4.6	4.9	5.1	234	44	31	13	13	—	—	—	0	9	8	1	1	0	0	0	0	1	0	90	März
5.0	5.1	4.8	5.0	230	48	25	13	13	—	—	—	0	8	7	0	0	3	0	0	0	4	0	83	April
4.1	4.7	3.9	4.2	131	29	16	13	10	—	—	3	0	9	6	0	0	0	0	0	0	5	0	88	Mai
3.8	3.3	3.4	3.5	106	43	4	9	8	—	—	4	0	11	2	0	0	1	1	0	0	2	0	86	Juni
3.3	3.5	3.8	3.5	82	26	15	10	10	—	—	4	0	11	2	0	0	0	0	0	0	2	1	90	Juli
4.4	3.8	3.3	3.8	151	30	29	12	12	—	—	6	0	9	3	0	0	0	0	0	0	4	1	88	August
5.6	6.7	5.4	5.9	300	66	4	15	14	—	—	3	0	5	11	0	1	0	0	0	0	1	0	88	September
5.5	4.8	5.4	5.2	397	80	8	14	13	—	—	2	0	11	12	0	0	0	0	0	2	1	0	90	Oktober
4.1	4.7	3.6	4.1	58	16	12	10	7	—	—	1	0	11	7	0	0	0	0	0	0	0	0	90	November
2.2	2.1	1.3	1.9	20	14	18	3	3	—	—	—	0	20	2	0	0	0	0	1	0	1	0	91	Dezember
4.4	4.3	3.9	4.2	1723	80	X	118	106	4	—	23	0	125	73	2	3	4	1	1	4	22	1	1057	Jahr

Monte Generoso.

$\lambda = 9°1'$, $\beta = 45°56'$, $H_b = 1610.4^m$, $G = -0.13\ ^m/_m$, $h_r = 1.4^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	626.4	618.2	21	635.8	5	−2.8	−1.2	−2.4	−2.2	−7.4	31	5.8	24	66	63	64	64	23	13. 23
Februar	628.7	621.1	17	637.9	9	−3.0	−0.8	−2.6	−2.3	−13.8	18	7.8	11	50	51	52	51	16	24
März	629.3	614.7	18	636.8	6	0.3	2.3	1.7	1.5	−9.4	2	10.8	11	67	67	68	67	21	9. 11
April	624.1	611.1	12	633.2	29	0.7	3.6	1.8	2.0	−10.0	14	12.8	29	74	67	71	71	22	15
Mai	627.4	614.0	5	637.5	26	5.5	7.8	6.1	6.4	−2.4	5	15.6	28	70	65	67	67	26	20
Juni	631.1	622.3	26	635.6	15	9.9	12.8	10.5	10.9	5.6	7	18.6	11	57	56	57	57	22	30
Juli	628.2	621.8	11	633.6	14	9.7	12.7	10.6	10.9	5.4	8	17.4	14. 29	55	59	58	57	23	2
August	630.3	625.4	6	635.6	26	10.6	13.6	11.3	11.7	5.2	9	18.8	27	67	68	68	68	29	22
September	629.6	621.6	17	634.2	8. 24	7.4	10.0	7.9	8.3	3.8	28	17.0	3	75	71	68	71	13	11
Oktober	630.8	624.7	30	635.1	25	5.3	7.4	5.7	6.0	−2.4	15	12.4	24	70	69	69	69	25	18
November	628.7	616.5	13	636.8	20	3.0	4.7	3.4	3.6	−3.0	24	11.0	30	62	58	58	59	15	30
Dezember	626.0	606.1	29	635.8	21	−0.5	0.7	−0.3	−0.1	−10.0	31	9.0	1	41	43	43	42	9	22
Jahr	628.4	606.1	XII	637.9	II	3.8	6.1	4.5	4.7	−13.8	II	18.8	VIII	63	61	62	62	9	XII

Bernhardin.

Abendbeobachtung: 8^{30}

$\lambda = 9°10'$, $\beta = 46°30'$, $H_b = 2073^m$, $G = -0.16\ ^m/_m$, $h_r = 7.9^m$

Januar	591.2	583.2	21	599.9	5	−6.9	−3.8	−6.3	−5.8	−11.8	13	1.4	24	64	59	70	64	12	24
Februar	593.6	584.8	17	602.8	9	−8.0	−4.2	−7.6	−6.8	−16.4	18	3.0	4	53	46	57	52	9	10
März	594.2	581.7	18	601.6	10	−3.6	−0.3	−3.1	−2.5	−11.6	9. 18	5.4	11	70	62	72	68	9	10
April	589.4	578.8	12	597.1	29	−2.6	1.3	−3.3	−1.8	−16.1	14	8.8	21.28 29	77	60	87	75	6	16
Mai	593.1	581.2	5	601.8	26	2.1	5.2	1.5	2.5	−5.9	5	14.0	26. 27	64	55	76	65	18	8
Juni	597.3	591.0	25	600.7	15	5.4	8.7	4.8	5.9	−0.5	7	14.0	17	67	52	74	64	16	13
Juli	594.5	588.6	11	600.0	27	5.2	8.6	5.5	5.9	0.0	16	16.2	30	67	44	66	59	20	29. 30
August	596.5	591.6	9	601.9	26	7.0	10.6	7.0	7.8	1.1	9	17.8	27	67	47	72	62	14	17
September	595.3	586.5	17	599.9	8	4.1	6.4	4.1	4.6	−1.1	11	13.4	3	83	68	79	77	11	26
Oktober	595.7	589.0	5	600.9	25	1.9	4.8	2.4	2.8	−4.7	14	9.4	15	70	63	71	68	0	15
November	594.5	583.3	13	601.7	20	−1.6	0.6	−1.5	−1.1	−6.6	26	6.8	13	69	60	70	66	5	30
Dezember	592.0	576.2	29	600.9	21	−6.5	−4.7	−6.6	−6.0	−16.8	31	2.4	3	59	52	58	56	5	22
Jahr	593.9	576.2	XII	602.8	II	−0.3	2.8	−0.3	0.5	−16.8	XII	17.8	VIII	68	56	71	65	0	X

St. Moritz.

$\lambda = 9°50'$, $\beta = 46°30'$, $H_b = 1840.3^m$, $G = -0.14\ ^m/_m$, $h_r = 2.7^m$

Januar	—	—	—	—	—	−6.6	−1.6	−5.4	−4.7	−11.8	14	2.4	26	69	54	68	64	19	1
Februar	—	—	—	—	—	−8.9	−1.5	−6.1	−5.7	−15.8	19	4.6	10. 11	63	37	51	50	8	24
März	—	—	—	—	—	−2.6	3.5	−0.6	−0.1	−11.2	10	8.0	11	70	42	66	59	13	5. 6. 10
April	—	—	—	—	—	−0.6	4.0	0.0	0.8	−13.2	13	12.4	29. 30	66	44	68	59	13	16
Mai	—	—	—	—	—	4.3	9.3	4.8	5.8	−2.6	5	17.2	26	60	38	63	54	12	22. 27
Juni	—	—	—	—	—	8.3	13.3	8.4	9.6	3.2	7	17.9	9	60	29	63	51	5	13
Juli	—	—	—	—	—	7.2	12.2	7.7	8.7	1.5	8	20.6	30	70	33	68	57	8	30
August	—	—	—	—	—	7.4	14.5	8.7	9.8	2.6	10	20.6	27	76	30	68	58	4	26
September	—	—	—	—	—	5.4	10.5	6.9	7.4	−0.6	24	16.0	3	79	70	76	75	11	11
Oktober	—	—	—	—	—	2.6	9.0	5.0	5.4	−2.6	14	12.2	24	76	41	67	61	12	14. 19
November	—	—	—	—	—	−1.3	3.3	0.2	0.6	−7.2	26	9.2	2	81	56	76	71	16	3
Dezember	—	—	—	—	—	−5.7	−1.5	−5.4	−4.5	−15.8	31	5.0	1	61	40	62	54	19	22
Jahr	—	—	—	—	—	0.8	6.2	2.0	2.8	−15.8	II. XII	20.6	VII VIII	69	43	66	59	4	VIII

Remüs.

$\lambda = 10°23'$, $\beta = 46°50'$, $H_b = 1237^m$, $G = -0.05\ ^m/_m$, $h_r = 1.2^m$

Januar	656.4	647.2	21	666.0	6	−6.1	−0.4	−4.4	−3.9	−11.5	14	3.2	24	71	53	68	64	36	1
Februar	659.6	650.1	17	669.8	9. 10	−8.3	1.4	−5.0	−4.2	−15.3	19	5.4	6	67	43	62	58	31	26
März	658.5	645.9	18	668.4	10	−1.7	9.1	1.4	2.5	−9.8	2	16.0	30	74	37	63	58	21	30
April	653.2	641.0	12	660.8	29	2.7	10.3	3.2	4.9	−8.8	13	19.4	30	70	38	62	57	19	16
Mai	656.1	643.9	5	665.1	26	7.4	14.8	7.6	9.4	0.1	5	25.1	31	68	38	68	58	23	26
Juni	659.9	654.4	25	663.3	15	11.0	18.5	10.8	12.8	5.2	7	26.0	2	65	37	68	57	22	17
Juli	657.1	651.3	6	662.1	27	9.9	16.0	9.5	11.2	3.2	9	25.4	14	71	42	71	62	21	14
August	658.7	653.0	4	664.9	26	10.1	18.5	11.1	12.7	5.7	9	24.7	29	76	40	68	61	19	17
September	657.9	649.3	17	662.5	8	7.7	16.4	9.0	10.5	2.4	27	26.0	4	81	39	72	64	26	3. 4
Oktober	658.8	650.4	5	665.0	14	3.9	13.8	6.3	7.6	0.2	14. 15	18.7	3	80	39	67	62	26	22
November	658.7	646.7	13	667.3	20. 30	0.3	5.4	1.2	2.0	−4.9	26	13.4	5	80	61	79	73	36	3
Dezember	657.2	638.4	29	667.9	21	−6.1	−0.8	−5.0	−4.2	−13.4	31	4.4	1	71	54	70	65	39	25
Jahr	657.7	638.4	XII	669.8	II	2.6	10.3	3.8	5.1	−15.3	II	26.0	VI. IX	73	43	68	62	19	IV VIII

Beobachter: **G. Capitani. A. Croci.**

Monte Generoso.

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	• *	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.6	5.3	4.5	5.1	30	11	14	7	6	7	—	—	9	5	7	4	14	16	10	0	0	3	34	12	Januar
3.5	3.5	2.8	3.3	26	13	17	8	4	8	—	—	3	14	2	5	9	2	15	0	0	0	43	10	Februar
6.8	6.7	6.2	6.6	187	45	22	11	11	6	—	—	18	4	11	3	3	7	49	0	0	4	23	4	März
6.2	7.0	6.8	6.7	299	64	30	13	13	8	1	—	12	3	13	2	5	4	40	1	1	10	27	0	April
5.4	5.8	5.8	5.7	167	34	17	13	13	6	1	—	13	4	9	0	0	3	49	1	0	13	26	1	Mai
4.5	4.9	5.4	4.9	95	25	6	7	6	—	1	—	4	4	4	1	1	5	24	7	5	13	31	3	Juni
4.9	5.5	6.0	5.5	171	55	22	14	11	—	—	—	13	3	9	2	5	4	23	1	4	12	40	2	Juli
6.0	6.5	5.2	5.9	124	34	6	10	9	—	—	3	16	5	9	2	1	3	25	1	0	13	42	6	August
7.2	7.6	6.6	7.1	191	37	18	14	12	—	—	—	17	2	15	1	2	11	37	0	0	7	27	5	September
5.8	6.4	5.7	6.0	227	62	28	13	13	—	—	—	14	6	11	5	10	7	44	0	0	3	21	3	Oktober
5.0	5.3	4.8	5.0	80	18	11	10	9	3	—	—	8	6	5	1	9	17	11	1	0	10	36	5	November
3.8	3.8	3.2	3.6	15	8	4	6	2	6	—	—	4	11	3	1	6	2	12	0	0	10	57	5	Dezember
5.4	5.7	5.3	5.5	1612	64	IV	126	109	44	3	3	131	67	98	27	65	81	339	12	10	98	407	56	Jahr

Beobachter: **Ch. Stoffel-Bellig.**

Bernhardin.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	• *	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.5	5.7	6.2	5.8	51	15	20	10	10	10	—	—	13	7	10	18	0	0	0	41	1	0	12	21	Januar
4.8	4.4	3.4	4.2	27	9	27	4	4	4	—	—	5	12	5	11	0	0	0	30	1	0	31	11	Februar
6.5	6.9	5.7	6.4	367	62	31	12	12	12	—	—	15	4	13	24	0	0	0	53	2	0	9	5	März
7.0	7.6	8.1	7.6	265	47	24	15	14	14	—	—	17	2	15	31	0	0	0	36	0	0	1	22	April
6.7	7.3	7.3	7.1	152	42	16	15	12	10	1	1	18	3	16	38	0	0	0	25	5	0	1	24	Mai
7.2	6.8	6.8	6.9	113	28	4	14	10	4	1	2	8	1	12	41	0	0	0	26	0	2	2	19	Juni
7.1	7.0	7.4	7.2	114	42	15	16	15	4	—	1	8	1	13	56	0	0	0	16	0	0	6	15	Juli
5.6	6.2	6.1	6.0	172	35	30	12	11	2	1	—	11	3	11	50	0	0	0	27	0	0	0	16	August
7.0	7.2	7.8	7.3	328	67	14	18	17	4	—	—	15	2	15	29	0	0	0	50	0	0	1	10	September
5.7	6.1	6.3	6.0	470	107	28	14	14	7	1	—	17	8	14	19	0	0	0	56	0	0	0	18	Oktober
6.7	7.2	6.1	6.7	286	116	12	12	10	9	—	—	12	5	12	36	0	0	0	34	2	0	8	10	November
5.3	5.3	4.1	4.9	79	26	4	7	5	7	—	—	7	8	8	49	0	0	0	21	1	0	13	9	Dezember
6.3	6.5	6.3	6.3	2424	116	XI	149	134	87	4	4	146	56	144	402	0	0	0	415	12	2	84	180	Jahr

Beobachter: **Ch. Pfister.**

St. Moritz.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	• *	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.1	5.4	4.9	5.5	59	28	23	13	8	13	—	—	0	7	9	0	0	0	0	0	8	6	1	78	Januar
3.9	3.5	2.6	3.3	16	6	2	5	5	5	—	—	0	12	2	1	0	0	0	0	3	4	10	66	Februar
5.2	5.5	4.7	5.1	135	31	17	9	9	8	—	—	0	7	8	0	0	0	0	0	13	4	3	73	März
6.2	6.5	5.7	6.1	140	45	2	12	10	10	—	—	1	4	8	0	0	0	0	1	9	4	0	76	April
5.4	6.0	5.4	5.6	94	26	1	16	14	5	—	—	1	4	6	4	1	0	2	0	17	6	5	58	Mai
5.5	6.1	5.0	5.5	144	32	6	15	14	—	—	7	0	3	7	4	4	0	0	5	4	5	5	63	Juni
6.5	6.7	5.7	6.3	96	34	8	13	12	2	—	2	1	1	7	5	5	0	1	1	8	1	2	70	Juli
4.6	5.4	4.5	4.8	96	23	6	11	10	1	—	2	1	8	5	3	0	0	1	0	7	3	6	73	August
6.3	6.7	5.1	6.0	91	17	14	12	12	1	—	1	1	4	8	4	0	0	0	3	9	4	4	66	September
4.8	5.0	3.5	4.4	94	37	8	9	9	2	—	—	1	10	8	0	0	0	0	0	3	4	5	81	Oktober
6.4	6.6	4.9	6.0	126	27	12	15	12	11	—	—	0	4	9	0	0	0	0	0	1	0	0	89	November
4.5	5.0	4.5	4.7	33	9	28	9	7	9	—	—	0	7	4	0	0	0	0	1	7	4	1	80	Dezember
5.5	5.7	4.7	5.3	1124	45	IV	139	122	67	—	12	6	71	81	21	10	0	4	11	89	45	42	873	Jahr

Beobachter: **F. Andry.**

Remüs.

7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	• *	•* ≥1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
6.4	6.1	5.3	5.9	39	15	23	14	12	14	—	—	0	7	13	—	—	—	—	—	—	—	—	—	Januar
3.7	3.4	2.0	3.0	22	15	3	4	3	4	—	—	0	11	1	—	—	—	—	—	—	—	—	—	Februar
5.5	6.5	5.1	5.7	54	20	18	7	5	5	—	—	0	7	12	—	—	—	—	—	—	—	—	—	März
6.2	7.2	5.3	6.2	37	24	1	11	7	5	—	—	0	5	10	—	—	—	—	—	—	—	—	—	April
5.2	7.0	7.1	6.4	87	26	4	13	12	2	—	—	0	5	13	—	—	—	—	—	—	—	—	—	Mai
6.0	6.2	5.6	5.9	67	20	20	13	10	—	—	—	0	5	9	—	—	—	—	—	—	—	—	—	Juni
7.1	7.6	6.7	7.1	99	34	8	21	15	—	—	—	0	3	16	—	—	—	—	—	—	—	—	—	Juli
4.8	5.6	5.5	5.3	67	20*	9	13	9	—	—	—	0	10	10	—	—	—	—	—	—	—	—	—	August
6.8	6.7	5.2	6.2	47	9	15	14	12	—	—	—	0	4	11	—	—	—	—	—	—	—	—	—	September
4.8	5.2	3.8	4.6	49	40	8	5	4	—	—	—	0	8	7	—	—	—	—	—	—	—	—	—	Oktober
7.7	7.3	5.8	6.9	114	61	16	11	10	7	—	—	0	3	13	—	—	—	—	—	—	—	—	—	November
5.3	5.9	5.8	5.7	56	22	6	8	8	8	—	—	0	4	10	—	—	—	—	—	—	—	—	—	Dezember
5.8	6.2	5.3	5.7	738	61	XI	134	107	45	—	—	0	72	125	—	—	—	—	—	—	—	—	—	Jahr

Sta. Maria (im Münstertal).

$\lambda = 10° 25'$, $\beta = 46° 36'$, $H_b = 1411^m$, $G = -0.05\ ^m/_m$, $h_r = 1.5^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	642.3	633.7	21	652.1	5	−4.9	−1.8	−4.6	−4.0	−9.0	11	5.5	26	63	54	63	60	30	24
Februar	645.0	636.3	17	654.2	9	−5.8	0.7	−4.9	−3.7	−14.5	19	7.1	10	55	40	52	49	23	4
März	644.9	630.2	18	652.5	6	0.3	6.5	0.7	2.0	−6.5	18	12.0	31	62	40	65	56	25	12
April	639.5	627.0	12	647.0	29	2.3	8.6	2.1	3.7	−9.5	13	17.0	29	61	41	67	56	21	16
Mai	642.6	630.3	5	651.2	26	7.3	13.3	7.7	9.0	0.5	5	21.3	31	61	41	63	55	19	21
Juni	646.4	640.2	25	650.5	15	11.6	17.4	11.0	12.7	6.9	6	22.4	2. 4	63	43	66	57	26	13
Juli	643.4	637.6	11	649.0	27	10.9	15.8	10.8	12.1	4.5	9	22.2	30	64	45	65	58	29	13.29
August	645.2	641.0	7	650.4	26	10.9	16.9	11.5	12.7	5.4	9	22.1	27	65	48	69	60	24	1
September	644.7	637.1	17	649.3	9	8.3	13.4	8.7	9.8	3.1	27	18.8	3	76	54	79	70	28	11
Oktober	645.7	637.9	5	650.7	25	4.9	10.1	5.5	6.5	−0.2	15	14.8	24	74	57	75	68	26	14
November	645.0	632.5	13	652.5	20	1.4	4.9	1.8	2.5	−1.8	7.22	10.0	5	70	57	69	66	30	30
Dezember	642.8	624.2	29	652.7	21	−2.4	0.4	−2.4	−1.7	−11.8	31	7.6	1	54	44	52	50	24	22
Jahr	644.0	624.2	XII	654.2	II	3.7	8.9	4.0	5.1	−14.5	II	22.4	VI	64	47	65	59	19	V

Splügen (Dorf).

$\lambda = 9° 19'$, $\beta = 46° 33'$, $H_b = 1466.8^m$, $G = -0.10\ ^m/_m$, $h_r = 0.8^m$

Januar	638.0	629.2	21	647.2	5	−7.4	−1.7	−5.9	−5.2	−16.4	14	3.0	2	90	64	88	80	32	8
Februar	640.9	631.9	17	650.8	9	−8.7	−0.1	−6.9	−5.7	−16.4	16	6.2	11	85	45	78	69	14	25
März	640.7	627.9	18	649.3	10	−2.3	4.1	−1.0	−0.1	−14.6	3	8.7	12	85	52	86	74	21	10
April	635.5	623.1	12	642.9	29	1.0	5.8	0.7	2.1	−10.6	13	13.4	30	80	49	85	72	20	16
Mai	638.7	626.4	5	647.2	25	6.1	10.1	5.0	6.6	−1.0	5	18.8	31	76	49	89	71	23	26
Juni	642.7	636.9	25	646.0	15	9.5	14.4	8.2	10.1	0.9	6	21.0	16	75	47	87	70	17	17
Juli	639.8	634.2	11	645.8	27	8.1	13.6	8.3	9.6	1.3	16	22.0	14	87	47	90	75	18	30
August	641.4	636.8	6	647.0	26	8.9	15.7	9.3	10.8	4.2	9	22.4	28	90	47	90	76	19	24.26
September	640.5	631.5	17	645.0	8	6.3	11.8	7.1	8.1	0.0	24	19.0	4	94	55	90	80	19	26
Oktober	641.2	633.6	5	646.7	14	3.0	10.2	4.8	5.7	−2.8	15	14.2	18	93	50	88	77	18	17
November	640.8	628.0	13	648.7	30	−0.1	4.0	0.7	1.3	−7.2	20	11.8	3	94	70	91	85	28	3
Dezember	639.0	620.3	29	649.0	21	−6.9	−2.4	−6.7	−5.7	−14.6	22	4.2	3	86	66	91	81	30	27
Jahr	639.9	620.3	XII	650.8	II	1.5	7.1	2.0	3.1	−16.4	I, II	22.4	VIII	86	53	88	76	14	II

Platta-Medels.

$\lambda = 8° 51'$, $\beta = 46° 39'$, $H_b = 1378^m$, $G = -0.08\ ^m/_m$, $h_r = 1.2^m$

Januar	644.9	635.6	21	653.2	6	−2.2	1.8	−1.6	−0.9	−8.6	14	7.2	3	73	57	76	69	33	2
Februar	647.8	639.3	17	657.5	9	−4.4	1.5	−3.4	−2.4	−10.4	23	8.4	10	72	52	71	65	27	25
März	647.4	634.7	18	656.3	10	0.6	6.2	1.6	2.5	−8.2	2	11.6	14	75	53	78	68	30	5
April	642.3	630.8	12	649.8	29	1.3	7.0	2.3	3.2	−11.4	14	14.8	29	82	55	79	72	34	16
Mai	645.3	633.6	5	653.6	26	5.5	11.3	6.4	7.4	−1.2	5	23.4	26	84	55	83	74	31	26
Juni	649.3	643.7	25	652.2	28	9.0	15.4	9.4	10.8	2.2	28	23.8	17	88	52	85	75	31	17
Juli	646.4	641.1	11	652.6	27	7.9	15.1	8.8	10.2	2.8	9	23.6	30	94	55	93	80	34	30
August	647.8	642.6	6	653.4	26	9.3	16.9	10.5	11.8	4.2	17	23.6	24	92	52	92	78	26	5
September	647.0	638.7	15	651.1	21	7.5	13.5	8.3	9.4	2.0	23	21.8	2	88	59	89	79	35	3
Oktober	647.4	639.8	5	653.5	14	5.6	12.0	6.8	7.8	−0.4	16	18.2	25	80	54	76	70	25	20
November	647.4	635.2	13	655.0	19	1.3	5.5	2.2	2.8	−4.6	26	10.8	2	88	69	83	80	29	20
Dezember	645.9	627.9	29	655.5	21	−3.8	0.5	−4.3	−3.0	−11.8	31	9.8	3	85	63	84	77	30	23
Jahr	646.6	627.9	XII	657.5	II	3.1	8.9	3.9	5.0	−11.8	XII	23.8	VI	83	56	82	74	25	X

Davos-Platz.

$\lambda = 9° 49'$, $\beta = 46° 48'$, $H_b = 1560.7^m$, $G = -0.10\ ^m/_m$, $h_r = 9.5^m$

Januar	630.2	620.8	21	639.4	5	−6.9	−1.0	−5.4	−4.7	−12.2	13	3.9	31	85	61	81	75	41	9
Februar	633.2	623.5	17	643.3	9	−10.1	−0.4	−7.2	−6.2	−18.7	18	5.0	11	79	48	74	67	29	8
März	632.9	620.8	18	641.5	10	−3.1	5.6	−0.8	0.2	−14.4	2	12.4	30	81	44	74	66	22	30
April	628.0	616.8	12	635.3	29	0.3	6.1	0.7	1.9	−15.7	14	16.0	29	74	48	74	65	21	16
Mai	631.3	619.3	5	639.8	26	6.2	11.1	4.9	6.8	−1.4	5	20.8	30	67	48	79	65	30	29
Juni	635.5	630.2	25	638.5	15	9.9	13.6	7.9	9.8	1.2	6	20.9	4	67	52	82	67	31	2.4.17
Juli	632.7	627.3	7. 11	637.9	27	7.9	11.9	7.6	8.8	1.7	9	22.0	14	76	56	84	72	29	14
August	634.2	629.2	6	639.6	26	8.8	14.5	8.8	10.2	3.2	9	20.2	27.29	75	48	83	69	26	5. 23
September	633.0	624.3	17	637.6	8	5.7	12.7	6.7	8.0	1.4	23.24	20.9	4	85	47	82	72	32	11
Oktober	633.5	626.3	5. 8	639.1	13. 14	2.2	11.6	4.3	5.6	−2.0	15	15.3	8	85	42	77	68	22	15
November	633.3	621.4	13	641.0	30	−1.2	3.5	−0.1	0.6	−8.6	26	10.7	1	88	65	86	80	29	3
Dezember	631.4	613.5	29	641.0	21	−7.4	−2.3	−7.0	−5.9	−16.1	31	5.0	4	79	62	79	74	40	28
Jahr	632.4	613.5	XII	643.3	II	1.0	7.2	1.7	2.9	−18.7	II	22.0	VII	78	52	80	70	21	IV

Beobachter: **S. Tuffli.**

Sta. Maria (im Münstertal).

Bewölkung 7³⁰	1³⁰	9³⁰	Mittel	Niederschlag Summe	Maximum	Tag	Zahl der Tage ● ✱	●✱ ≧1.0	✱	▲	☈	≡	heiter	trübe	Windverteilung N	NE	E	SE	S	SW	W	NW	Calmen	1913
4.9	5.5	4.8	5.1	22	7	20	6	5	6	—	—	3	12	9	0	0	0	0	4	2	1	0	86	Januar
3.3	2.6	3.2	3.0	3	2	2	2	1	2	—	—	0	14	5	2	0	0	0	5	3	2	0	72	Februar
5.1	4.9	4.6	4.9	70	23	18	7	7	4	—	—	0	12	10	3	0	0	0	7	4	2	0	77	März
5.8	6.9	6.7	6.5	85	27	2	10	10	6	—	—	0	5	14	2	0	0	0	2	5	2	0	79	April
6.2	6.4	6.0	6.2	41	9	16	10	7	3	—	—	0	7	12	11	1	0	0	3	3	4	1	70	Mai
5.4	6.4	5.7	5.8	82	28	6	8	8	—	—	1	0	5	10	6	2	0	0	1	2	1	0	78	Juni
6.7	7.1	6.6	6.8	87	38	8	13	11	—	—	2	0	4	15	7	0	0	0	2	3	0	0	81	Juli
4.5	5.6	5.3	5.1	91	28	9	10	9	1	—	2	1	10	11	13	0	0	0	5	0	1	0	74	August
6.4	6.5	6.8	6.6	84	20	19	13	10	—	—	—	0	5	15	12	0	0	0	2	2	2	0	72	September
4.8	5.2	4.8	4.9	68	44	8	8	6	—	—	—	1	10	9	3	0	0	0	1	0	0	0	89	Oktober
6.4	6.4	5.4	6.1	76	21	12	11	10	5	—	—	2	6	13	6	0	0	0	2	2	2	0	78	November
5.1	4.3	4.6	4.7	13	7	28	3	3	3	—	—	0	12	10	2	0	0	0	2	5	2	0	82	Dezember
5.4	5.7	5.4	5.5	722	44	X	101	87	30	—	5	7	102	133	67	3	0	0	36	31	19	1	938	Jahr

Beobachter: Frl. **M. Lorez.**

Splügen (Dorf).

7³⁰	1³⁰	9³⁰	Mittel	Summe	Maximum	Tag	● ✱	●✱ ≧1.0	✱	▲	☈	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
5.4	4.8	3.9	4.7	39	18	23	9	8	9	—	—	0	7	7	2	0	1	5	2	18	7	3	55	Januar
4.4	3.0	2.1	3.2	6	3	2	2	2	2	—	—	0	12	1	0	2	4	8	5	15	1	2	47	Februar
5.2	5.8	4.5	5.2	90	31	31	9	9	5	—	—	1	8	10	0	3	2	8	18	13	2	1	46	März
6.6	6.5	5.6	6.2	106	42	1	13	12	9	—	—	0	5	12	0	6	4	12	6	5	3	1	53	April
5.7	6.6	4.7	5.7	99	19	1	14	13	7	—	1	0	4	9	0	5	11	10	5	19	1	0	42	Mai
5.8	5.8	5.7	5.8	132	43	6	14	13	1	1	2	0	3	9	1	10	7	14	3	8	0	1	46	Juni
6.9	6.8	6.4	6.7	149	59	15	20	20	2	—	2	2	1	11	2	14	17	8	1	6	1	0	44	Juli
5.1	5.6	4.2	5.0	124	32	30	13	11	—	—	2	1	8	8	0	8	14	5	1	9	1	1	54	August
6.0	6.1	5.4	5.8	228	48	14	17	16	—	—	1	2	7	11	1	4	5	5	10	18	3	1	43	September
5.1	5.8	4.8	5.2	291	85	8	11	11	3	—	1	1	10	11	0	0	2	4	20	15	2	0	50	Oktober
6.7	6.4	5.7	6.3	106	39	12	11	11	8	—	—	2	3	9	2	8	3	3	12	9	3	1	49	November
5.4	4.5	3.9	4.6	33	8	10	9	7	9	—	—	1	10	9	1	9	3	7	6	4	2	0	61	Dezember
5.7	5.6	4.8	5.4	1403	85	X	142	133	55	1	9	10	78	107	9	69	73	89	89	139	26	11	590	Jahr

Beobachter: **Ths. J. Berther.**

Platta-Medels.

7³⁰	1³⁰	9³⁰	Mittel	Summe	Maximum	Tag	● ✱	●✱ ≧1.0	✱	▲	☈	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
5.8	5.6	4.7	5.4	35	18	23	10	6	10	—	—	2	10	11	0	0	0	3	14	18	0	0	58	Januar
4.5	3.4	3.7	3.9	7	4	2	4	2	4	—	—	4	12	6	2	1	1	7	9	13	0	0	51	Februar
6.4	6.5	5.1	6.0	90	28	31	8	8	6	—	—	2	7	14	6	1	0	1	22	30	0	0	33	März
7.7	7.5	7.1	7.4	112	38	1	13	10	9	—	—	4	4	17	11	6	3	5	12	24	0	8	21	April
6.6	7.2	7.2	7.0	101	23	10	20	15	8	—	1	5	4	15	16	3	0	2	14	24	1	5	28	Mai
6.9	7.1	6.5	6.8	86	23	27	14	12	2	—	3	13	3	13	5	5	1	2	10	9	0	7	51	Juni
7.7	6.8	7.5	7.3	119	29	15	18	15	1	—	6	11	2	16	12	4	1	0	4	4	0	4	64	Juli
5.3	5.3	5.1	5.2	95	24	29	13	12	—	—	3	8	11	12	8	0	1	0	14	2	1	0	67	August
6.2	6.9	5.9	6.3	256	60	14	15	13	—	1	4	8	7	15	9	2	3	0	22	10	0	1	43	September
5.5	5.4	5.1	5.3	166	61	8	9	8	—	—	1	2	8	11	6	2	1	0	14	31	2	2	35	Oktober
7.4	7.3	6.8	7.2	97	20	12	16	14	14	—	—	5	4	17	5	1	1	0	14	15	0	0	54	November
5.3	6.1	5.6	5.7	61	16	6	14	10	14	—	—	7	10	12	6	5	1	1	11	11	1	2	55	Dezember
6.3	6.3	5.9	6.1	1225	61	X	154	125	68	1	18	71	82	159	86	30	13	21	160	191	5	29	560	Jahr

Beobachter: **Kurverein.**

Davos-Platz.

7³⁰	1³⁰	9³⁰	Mittel	Summe	Maximum	Tag	● ✱	●✱ ≧1.0	✱	▲	☈	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	1913
6.0	5.3	5.1	5.5	75	36	23	14	12	14	—	—	1	9	10	0	7	1	0	3	3	0	0	79	Januar
3.6	3.5	2.8	3.3	16	8	3	5	4	5	—	—	1	14	3	0	12	0	0	0	4	0	0	68	Februar
5.0	5.3	3.5	4.6	35	14	18	7	6	6	1	—	0	9	6	0	19	0	0	0	17	0	0	57	März
6.6	6.4	6.2	6.4	49	14	1	10	9	8	—	—	1	3	10	1	24	1	0	5	5	0	0	54	April
5.4	6.7	5.3	5.8	80	15	27	18	16	10	—	—	0	5	11	0	25	0	0	1	12	0	0	55	Mai
5.6	6.6	6.2	6.1	122	25	6	16	13	2	1	2	0	4	11	0	30	0	0	1	5	0	0	54	Juni
7.5	7.2	7.5	7.4	150	25	8	21	18	2	—	3	0	1	17	2	33	0	0	0	3	0	0	55	Juli
5.0	5.6	5.0	5.2	115	19	9	13	13	1	—	2	0	10	9	22	0	2	0	0	4	0	0	65	August
5.2	6.1	5.4	5.6	70	13	10	14	14	—	—	1	1	7	8	0	15	1	0	0	15	0	0	59	September
4.0	4.9	4.6	4.5	64	41	8	6	4	1	—	—	2	10	7	0	10	0	0	1	18	1	0	63	Oktober
7.2	6.9	6.5	6.9	151	36	16	13	12	11	—	—	2	3	14	1	10	0	0	0	5	2	0	72	November
5.6	5.5	5.2	5.4	76	22	6	13	11	13	—	—	1	7	10	0	16	0	0	1	4	0	0	72	Dezember
5.6	5.8	5.3	5.6	1003	41	X	150	132	73	2	8	9	82	116	26	201	5	0	12	95	3	0	753	Jahr

Arosa (Sanatorium).

$\lambda = 9°39'$, $\beta = 46°47'$, $H_b = 1854^m$, $G = -0.12$ m/m, $h_r = 1.6^m$

1913	Luftdruck					Luft-Temperatur								Relative Feuchtigkeit					
	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag
Januar	607.2	598.0	21	615.9	5	−3.9	−0.8	−3.6	−3.0	−10.0	13	2.7	1	65	59	67	64	18	1
Februar	610.0	600.3	17	619.7	9	−6.2	−1.5	−5.6	−4.7	−13.8	18	4.4	5	50	44	56	50	19	10
März	610.1	598.1	18	618.2	10	−0.6	3.9	0.1	0.9	−10.9	18	9.6	30.31	58	43	57	53	16	30
April	605.3	594.1	12	614.1	29	−0.2	4.0	−0.5	0.7	−15.8	13	11.5	30	72	52	73	66	20	16
Mai	609.1	596.7	5	618.0	24	4.9	8.6	4.2	5.5	−2.9	5	15.9	30	71	54	80	68	24	21
Juni	613.4	608.1	25	616.6	15	8.1	11.5	7.0	8.4	1.1	6	18.4	2	74	61	84	73	32	5
Juli	610.7	605.0	11	615.9	27	6.9	10.4	6.8	7.7	1.3	9	19.1	14	81	64	84	76	33	14
August	612.5	607.7	6	617.8	26	8.9	12.9	8.5	9.7	2.2	9	18.7	29	75	60	83	72	31	5
September	611.2	602.2	17	615.7	8	6.5	11.1	6.5	7.7	1.7	22	19.4	4	76	57	81	71	37	4
Oktober	611.8	604.3	5	617.1	25	5.0	10.0	5.7	6.6	−2.5	14	14.4	19	67	48	65	60	23	21
November	610.9	599.5	13	618.1	30	0.4	3.0	0.8	1.2	−5.8	26	9.9	3	75	68	75	73	27	20.30
Dezember	608.4	590.5	29	618.0	21	−4.4	−2.4	−4.7	−4.1	−13.8	31	6.5	3	72	65	70	69	24	8
Jahr	610.1	590.5	XII	619.7	II	2.1	5.9	2.1	3.1	−15.8	IV	19.4	IX	70	56	73	66	16	III

Seewis.

$\lambda = 9°38'$, $\beta = 46°59'$, $H_b = 953.8^m$, $G = 0.00$ m/m, $h_r = 1.5^m$

Januar	679.7	670.1	21	688.8	5	−1.7	2.9	−0.9	−0.2	−6.9	14	6.0	5	78	64	79	74	33	1
Februar	683.2	674.0	17	693.7	9	−4.0	2.9	−2.5	−1.5	−10.3	18	7.7	26	73	58	73	68	19	26
März	681.9	671.0	18	692.6	9. 10	1.5	9.0	3.5	4.4	−7.7	2	15.9	31	75	48	68	64	15	30
April	676.7	665.6	12	683.8	29	3.6	10.0	4.3	5.6	−8.6	13	20.4	30	82	56	75	71	22	16
Mai	679.6	668.4	5	688.0	24	8.0	14.8	8.5	10.0	2.6	8	23.9	30	82	54	81	72	30	8
Juni	683.6	678.8	25	687.9	28	11.7	17.3	11.4	12.9	4.3	28	26.9	4	82	61	82	75	29	5
Juli	680.7	675.2	7	685.7	27	10.5	15.3	11.0	11.9	5.1	9	23.5	14	85	68	83	79	36	14
August	682.0	675.6	6	687.4	26	11.5	17.5	12.0	13.3	7.1	9	23.3	29	80	61	82	74	15	1
September	681.1	671.3	17	685.3	9	9.1	15.5	10.1	11.2	4.8	23	22.5	4	91	61	89	81	31	16
Oktober	681.6	672.8	8	688.7	13	6.5	13.8	8.2	9.2	1.3	15	17.7	3	80	53	77	70	17	21
November	682.3	670.2	13	690.7	19	3.1	7.1	3.6	4.3	−1.4	26.27	13.6	1	89	72	85	82	42	1
Dezember	681.3	662.9	29	689.5	26	−2.4	1.6	−2.2	−1.3	−8.4	31	8.9	4	83	69	85	79	36	27
Jahr	681.1	662.9	XII	693.7	II	4.8	10.6	5.6	6.6	−10.3	II	26.9	VI	82	60	80	74	15	III VIII

Schiers.

$\lambda = 9°41'$, $\beta = 46°58'$, $H_b = 650.7^m$, $G = 0.03$ m/m, $h_r = 1.0^m$

Januar	706.6	696.9	21	715.9	5	−3.5	0.1	−2.1	−1.9	−8.8	10	3.7	29	96	80	95	91	54	13
Februar	710.3	700.9	27	721.2	9	−5.7	1.7	−2.9	−2.5	−11.8	19	6.4	11	93	65	88	82	47	27
März	708.4	697.5	18	720.8	10	0.2	9.5	3.6	4.2	−6.9	2	20.4	30	95	54	84	77	25	30
April	702.9	692.0	12	710.4	29	4.5	12.3	6.2	7.3	−6.2	14	22.5	30	87	55	80	74	27	16
Mai	705.5	694.6	4	714.2	25.26	7.8	17.0	10.4	11.4	0.9	8	25.7	27	92	53	86	77	32	8
Juni	709.4	705.2	25	714.3	28	12.1	19.0	13.2	14.4	7.0	28	27.5	4	89	57	88	78	34	4. 5
Juli	706.4	700.8	6	711.3	27	11.6	17.8	12.7	13.7	6.3	9	25.4	14	92	63	96	84	42	14
August	707.6	700.7	6	713.7	26	12.0	19.2	13.6	14.6	8.7	9	25.0	29	92	63	99	85	37	5
September	706.8	696.9	17	711.6	22	8.7	17.2	11.5	12.2	2.6	24	22.9	4	99	61	96	85	40	16
Oktober	707.5	698.7	8	715.4	13.14	4.9	14.1	8.0	8.8	−1.2	15	19.7	2	96	61	92	83	37	22
November	708.7	695.4	13	717.4	29	2.7	7.0	3.8	4.3	−3.2	30	13.7	1	99	80	96	92	41	3
Dezember	708.5	690.2	29	718.8	21	−3.7	−0.8	−2.8	−2.5	−10.0	22	4.0	2	93	83	97	91	57	25
Jahr	707.4	690.2	XII	721.2	II	4.3	11.2	6.3	7.0	−11.8	II	27.5	VI	94	65	91	83	25	III

Chur.

$\lambda = 9°32'$, $\beta = 46°51'$, $H_b = 609.9^m$, $G = 0.04$ m/m, $h_r = 1.7^m$

Januar	709.1	698.7	21	718.2	5. 6	−0.1	3.8	0.8	1.3	−5.1	10	8.6	5	75	61	78	72	33	1
Februar	712.7	703.0	27	723.9	9	−1.6	4.9	0.2	0.9	−7.1	16	12.4	27	66	47	63	58	18	24
März	711.0	700.2	18	723.3	10	3.8	12.1	6.3	7.1	−4.3	2	20.8	30	66	39	59	55	18	30
April	705.6	695.4	12	712.6	29	5.7	12.4	7.8	8.4	−5.3	14	23.3	30	72	46	63	60	20	16
Mai	707.9	696.9	4	716.5	24	10.0	17.7	11.3	12.6	2.7	5	27.4	31	79	41	71	64	24	8
Juni	711.9	707.9	25	716.9	28	13.5	19.5	14.5	15.5	7.3	28	29.4	2	80	47	72	66	26	5
Juli	708.9	703.2	6	714.2	27	12.0	18.0	13.2	14.1	6.6	16	26.5	14	90	52	82	75	30	14
August	710.0	703.5	6	715.9	26	12.8	19.9	14.8	15.6	7.9	17	26.3	5	90	50	82	74	29	5. 23
September	709.2	698.3	17	714.8	21	11.0	17.8	12.3	13.4	6.1	27	25.3	3	89	52	86	76	25	16
Oktober	710.0	700.6	8	718.1	13	8.5	16.3	10.5	11.5	3.1	15	21.4	28	78	44	71	64	19	21
November	711.3	698.2	13	720.3	19	4.9	9.1	5.8	6.4	0.7	27	16.8	1	86	67	81	78	36	1
Dezember	710.9	692.5	29	721.8	21	−0.7	2.2	−0.2	0.3	−5.5	31	11.1	4	79	66	82	75	29	28
Jahr	709.9	692.5	XII	723.9	II	6.7	12.8	8.1	8.9	−7.1	II	29.4	VI	79	51	74	68	18	II.III

Beobachter: **G. Neuendorff. Zimmermann.**

Arosa (Sanatorium).

Bewölkung				Niederschlag			Zahl der Tage								Windverteilung									1913
7^{30}	1^{30}	9^{30}	Mittel	Summe	Maximum	Tag	● *	●* ≧1.0	*	▲	K	≡	heiter	trübe	N	NE	E	SE	S	SW	W	NW	Calmen	
5.4	4.6	4.8	4.9	74	22	23	11	11	11	—	—	1	10	8	—	—	—	—	—	—	—	—	—	Januar
2.6	3.4	1.6	2.5	33	14	28	5	5	5	—	—	0	16	2	—	—	—	—	—	—	—	—	—	Februar
4.4	5.2	3.7	4.4	73	18	23	6	6	5	—	—	0	10	6	—	—	—	—	—	—	—	—	—	März
7.1	7.1	6.2	6.8	105	31	1	13	13	10	—	—	3	2	13	—	—	—	—	—	—	—	—	—	April
5.9	6.8	5.3	6.0	122	17	4	17	17	11	—	1	5	4	7	—	—	—	—	—	—	—	—	—	Mai
6.7	7.1	6.1	6.6	133	30	20	15	14	5	—	1	5	2	12	—	—	—	—	—	—	—	—	—	Juni
7.6	7.6	6.3	7.2	206	46	15	22	20	3	—	2	3	1	15	—	—	—	—	—	—	—	—	—	Juli
5.3	5.9	3.8	5.0	117	17	8	12	11	—	—	—	2	8	8	—	—	—	—	—	—	—	—	—	August
5.0	6.2	4.5	5.2	102	17	10	13	12	—	—	—	5	7	6	—	—	—	—	—	—	—	—	—	September
4.3	4.5	3.6	4.1	78	46	8	5	5	2	—	—	1	12	5	—	—	—	—	—	—	—	—	—	Oktober
7.1	7.0	5.3	6.5	177	39	16	16	13	15	—	—	1	3	12	—	—	—	—	—	—	—	—	—	November
5.3	5.5	4.8	5.2	161	61	10	13	12	13	—	—	0	8	8	—	—	—	—	—	—	—	—	—	Dezember
5.6	5.9	5.0	5.4	1381	61	XII	148	139	80	—	4	26	83	102	—	—	—	—	—	—	—	—	—	Jahr

Beobachter: Frau **E. Sprecher-Jenny.**

Seewis.

6.9	6.3	6.7	6.6	95	23	23	13	13	12	—	—	1	5	15	0	0	0	0	1	0	0	0	92	Januar
5.2	5.0	4.0	4.7	24	9	3	4	4	4	—	—	0	8	6	0	0	0	0	0	2	0	0	82	Februar
6.1	6.6	5.6	6.1	49	19	23	5	5	5	—	—	1	7	15	0	0	0	0	0	10	0	0	83	März
7.4	7.6	8.0	7.7	77	25	1	10	9	8	—	—	0	2	17	0	1	0	0	0	11	0	0	78	April
6.6	7.5	6.5	6.9	96	14	22	17	15	3	—	1	0	3	13	0	0	0	0	0	11	0	1	81	Mai
7.8	7.5	6.8	7.4	154	32	27	16	14	—	—	2	0	2	17	0	0	0	1	1	8	0	0	80	Juni
8.2	8.1	7.6	8.0	209	37	15	23	21	—	—	3	1	2	19	0	0	0	0	0	9	0	0	84	Juli
5.5	6.1	5.9	5.9	125	16	14	15	14	—	—	1	0	7	12	0	0	0	0	2	13	0	0	78	August
6.3	6.8	7.1	6.7	78	18	5	14	13	—	—	—	0	3	15	1	0	0	0	1	8	0	0	80	September
5.7	5.8	5.9	5.8	73	41	8	6	5	—	—	—	0	6	11	0	0	0	0	0	11	0	0	82	Oktober
8.8	8.2	6.8	7.9	196	54	16	14	12	8	—	—	1	2	18	0	0	0	0	0	1	0	0	89	November
7.3	7.0	6.9	7.1	149	54	6	17	13	17	—	—	0	6	18	0	0	0	0	0	3	0	1	89	Dezember
6.8	6.9	6.5	6.7	1325	54	XI XII	154	138	57	—	7	4	53	176	1	1	0	1	5	87	0	2	998	Jahr

Beobachter: **J. R. Schlaepfer-Colb.**

Schiers.

5.4	4.9	4.8	5.0	74	26	23	16	11	13	—	—	0	9	9	0	0	0	0	0	1	1	1	90	Januar
2.4	2.5	2.6	2.5	15	8	3	3	3	3	—	—	0	17	1	0	0	1	0	0	0	2	1	80	Februar
4.0	4.5	3.6	4.0	34	15	23	5	5	2	—	—	0	12	6	0	0	0	0	1	0	5	6	81	März
6.1	6.1	5.9	6.0	59	22	1	9	8	3	—	—	0	4	11	0	1	0	0	0	0	1	11	77	April
5.2	6.0	6.2	5.8	67	11	23	16	14	—	—	—	0	8	13	0	0	0	0	0	1	11	3	78	Mai
5.7	5.7	5.5	5.6	121	28	27	15	12	—	—	—	0	5	12	1	0	0	0	0	0	12	4	73	Juni
7.3	6.6	6.4	6.8	169	37	15	22	20	—	—	—	0	4	15	0	0	0	0	0	0	9	7	77	Juli
4.5	4.6	5.0	4.7	105	13	29	17	14	—	—	—	0	12	11	0	0	0	0	0	0	11	4	78	August
4.6	4.6	5.9	5.0	58	14	5	14	12	—	—	—	0	6	8	1	0	0	0	0	1	3	4	81	September
3.3	3.6	3.6	3.5	72	42	8	5	4	—	—	—	0	15	6	0	0	2	0	0	1	1	1	88	Oktober
6.7	7.2	6.0	6.6	146	35	16	14	12	—	—	—	1	6	14	0	0	0	0	0	0	0	0	90	November
5.1	6.0	5.7	5.6	95	33	6	14	12	14	—	—	1	11	13	0	0	0	0	1	1	3	1	87	Dezember
5.0	5.2	5.1	5.1	1015	42	X	150	127	35	—	?	2	109	119	2	1	3	0	2	5	59	43	980	Jahr

Beobachter: **J. Defila.**

Chur.

6.0	6.0	4.6	5.5	51	15	23	12	10	6	—	—	2	8	11	—	—	—	—	—	—	—	—	—	Januar
4.9	3.7	2.4	3.7	7	3	2	3	2	2	—	—	1	12	3	—	—	—	—	—	—	—	—	—	Februar
5.6	5.8	4.2	5.2	32	18	23	6	5	3	—	—	0	10	9	—	—	—	—	—	—	—	—	—	März
7.0	6.4	6.1	6.5	38	14	1	9	7	3	—	—	0	3	12	—	—	—	—	—	—	—	—	—	April
6.1	6.8	5.5	6.1	49	9	4	14	11	—	—	1	0	6	12	—	—	—	—	—	—	—	—	—	Mai
6.7	6.3	5.9	6.3	77	25	27	12	10	—	—	—	1	4	12	—	—	—	—	—	—	—	—	—	Juni
7.9	7.2	7.1	7.4	120	40	15	21	16	—	—	2	0	2	18	—	—	—	—	—	—	—	—	—	Juli
5.2	5.1	5.3	5.2	93	16	6	13	11	—	—	2	0	9	10	—	—	—	—	—	—	—	—	—	August
5.3	5.4	5.1	5.3	57	13	5	11	10	—	—	1	0	7	9	—	—	—	—	—	—	—	—	—	September
4.7	4.7	4.5	4.6	74	41	8	6	6	—	—	—	0	9	7	—	—	—	—	—	—	—	—	—	Oktober
7.5	7.5	6.5	7.2	137	38	16	12	12	2	—	—	0	3	16	—	—	—	—	—	—	—	—	—	November
5.4	6.2	6.6	6.1	75	26	6	11	7	10	—	—	2	7	13	—	—	—	—	—	—	—	—	—	Dezember
6.0	5.9	5.3	5.8	810	41	X	130	107	26	—	6	6	80	132	—	—	—	—	—	—	—	—	—	Jahr

$\lambda = 9°21'$, $\beta = 47°12'$, $H_b = 1115^m$, $h_r = 1.6^m$.

Wildhaus.

Beobachter: **J. Näf.**

1913	Luft-Temperatur								Bewölkg.	Niederschlag			Zahl der Tage							Windverteilung								
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	Mittel	Summe	Maximum	Tag	● *	●* ≥1.0	*	▲	K	≡	helle	trübe	N	NE	E	SE	S	SW	W	NW	Calmen
Jan.	−0.4	2.0	−0.4	0.2	−5.2	10	6.8	1	5.8	117	20	23	15	15	14	—	—	2	7	11	0	2	7	32	0	2	39	0	11
Febr.	−3.1	0.9	−2.6	−1.8	−10.4	17	8.2	5	3.7	39	15	8	5	5	5	—	—	2	13	6	0	5	8	34	0	2	32	0	3
März	2.6	6.7	3.5	4.1	−7.3	2	16.4	30	5.3	54	20	8	11	8	6	—	—	0	5	8	3	7	10	14	0	2	42	0	15
April	3.3	7.2	3.1	4.2	−12.0	13	18.0	30	6.5	118	20	11	12	12	9	—	1	2	4	11	0	8	27	12	0	1	35	0	7
Mai	8.2	12.0	6.9	8.5	−0.8	5	23.0	30.31	6.0	147	46	23	16	15	6	—	2	0	3	11	0	10	21	13	0	2	39	0	8
Juni	11.3	14.4	10.0	11.4	4.5	25	23.0	2	6.7	220	65	27	16	16	—	—	—	1	3	15	0	1	7	21	0	3	48	0	10
Juli	10.4	13.6	9.5	10.8	2.3	9	24.0	14	7.2	279	58	8	21	20	—	—	2	1	1	17	0	0	5	24	0	4	50	0	10
Aug.	12.0	15.3	10.9	12.3	6.6	9	22.0	29	5.4	267	49	24	18	18	—	1	3	0	10	11	0	0	1	31	0	2	38	0	21
Sept.	9.7	13.1	9.1	10.3	4.0	27	20.4	3	5.9	156	25	19	13	13	—	—	1	3	6	10	0	8	4	34	0	0	34	0	10
Okt.	8.0	12.7	8.4	9.4	1.8	16	17.6	8	4.9	50	23	8	5	5	—	—	—	2	7	7	0	21	4	23	0	0	32	0	13
Nov.	3.5	6.6	3.8	4.5	−2.8	26	13.4	1	7.5	225	60	16	16	15	8	—	—	1	3	17	0	9	5	5	0	0	61	0	10
Dez.	−1.8	0.9	−1.2	−0.8	−10.0	31	9.0	3	6.8	159	36	10	17	17	16	—	—	3	5	16	0	4	11	3	0	1	70	0	4
Jahr	5.3	8.8	5.1	6.1	−12.0	IV	24.0	VII	6.0	1831	65	VI	165	159	64	1	9	17	67	140	3	75	110	246	0	19	520	0	122

$\lambda = 8°38'$, $\beta = 47°42'$, $H_b = 448^m$, $h_r = 1.5^m$.

Schaffhausen.

Beobachter: **G. Meyer.**

Jan.	−1.4	1.2	−0.8	−0.5	−6.5	15	6.7	31	9.0	81	12	11	16	14	8	—	—	7	1	26	3	2	0	0	0	12	2	2	72
Febr.	−2.9	3.9	−0.7	−0.1	−9.5	20	8.4	6	4.3	25	8	1	6	4	2	—	—	6	12	7	13	11	6	0	0	8	1	2	43
März	2.7	10.5	4.9	5.7	−4.9	2	22.2	30	5.4	68	16	23	9	8	3	—	—	3	7	9	2	4	3	0	3	25	1	4	51
April	5.9	11.7	6.6	7.7	−4.3	14	23.3	30	6.1	45	11	11	11	8	2	—	1	0	4	10	2	7	5	1	1	25	10	2	37
Mai	10.3	16.7	10.4	11.9	2.3	8	26.4	30	4.8	65	15	10.28	14	11	—	1	3	0	9	6	3	4	12	2	2	26	0	3	41
Juni	13.3	19.1	13.7	14.9	9.8	7	27.2	17	5.4	79	29	27	11	7	—	1	3	0	7	10	2	4	6	1	1	21	9	7	39
Juli	12.7	18.0	13.0	14.2	8.8	9	25.6	14	6.8	78	9	8	18	16	—	—	2	2	4	16	8	1	2	1	2	28	4	6	41
Aug.	13.4	20.0	13.8	15.2	9.2	17	25.2	4	5.0	75	24	6	13	10	—	—	3	2	10	10	7	4	0	0	0	12	11	3	56
Sept.	11.3	16.5	11.5	12.7	7.9	24	24.2	4	6.2	61	13	14	15	10	—	—	2	3	3	10	5	4	1	0	0	7	10	3	60
Okt.	6.9	13.0	8.6	9.3	0.0	15	19.8	29	7.1	28	10	15	7	6	—	—	—	15	1	15	7	2	0	0	0	12	2	4	66
Nov.	5.5	8.4	5.9	6.4	−1.5	20	14.3	2	8.6	89	28	12	19	13	—	—	—	9	1	21	0	1	0	0	1	23	6	2	57
Dez.	−0.4	2.2	−0.1	0.4	−7.5	22	9.3	27	8.0	49	14	5	12	8	6	—	—	4	0	18	5	6	0	0	0	23	6	5	48
Jahr	6.4	11.8	7.2	8.2	−9.5	II	27.2	VI	6.4	743	29	VI	151	115	21	2	14	51	59	158	57	50	35	5	10	222	62	43	611

$\lambda = 7°47'$, $\beta = 47°33'$, $H_b = 280^m$, $h_r = 1.6^m$.

Rheinfelden.

Beobachter: Familie **Hoffmann.**

Jan.	1.1	4.0	1.3	1.9	−3.3	1	8.9	24	7.1	70	14	23	18	17	5	—	—	2	4	14	2	6	23	1	0	4	7	0	50
Febr.	−1.2	5.4	0.4	1.2	−7.9	22	10.1	4	3.4	31	15	27	6	4	—	—	—	2	13	4	0	0	28	0	0	3	2	0	51
März	3.6	11.5	5.4	6.4	−1.7	2	19.2	30	5.7	84	24	17	10	9	2	—	—	0	5	6	0	0	6	0	0	2	9	0	76
April	6.5	13.1	7.4	8.6	−2.9	14	23.4	30	6.9	71	20	19	17	9	2	—	1	7	2	12	0	0	5	0	0	0	8	2	75
Mai	11.8	18.3	11.5	13.3	4.9	7	27.4	30	5.5	105	31	10	14	12	—	1	4	3	6	7	0	0	13	0	0	3	7	2	68
Juni	15.3	20.6	14.9	16.4	10.5	25	27.5	17	6.1	64	13	19	12	9	—	—	2	1	6	12	1	0	6	0	2	5	13	1	62
Juli	14.1	19.6	14.5	15.7	10.6	9	26.5	14	6.8	115	21	11	17	16	—	—	3	3	3	12	1	1	4	0	1	1	0	3	73
Aug.	14.2	21.2	14.9	16.3	9.6	17	25.9	29	5.2	86	14	20	14	12	—	—	6	10	6	7	0	0	3	1	0	1	2	1	85
Sept.	11.9	17.9	12.4	13.7	7.3	12	23.6	4	5.8	72	24	4	14	12	—	—	2	8	3	8	2	2	12	2	0	4	4	0	64
Okt.	8.3	14.8	9.3	10.4	1.3	15	19.4	2	5.9	41	11	8	9	7	—	—	—	9	3	8	6	2	11	2	0	1	1	1	69
Nov.	7.2	10.5	7.8	8.3	1.2	21	15.0	3	8.4	141	33	12	21	18	—	—	—	7	1	22	1	1	5	1	1	0	7	0	74
Dez.	2.1	4.6	2.9	3.1	−6.9	23	9.2	2	7.3	79	22	6	15	10	4	—	—	5	4	17	0	0	9	0	1	2	10	0	71
Jahr	7.9	13.5	8.6	9.6	−7.9	II	27.5	VI	6.2	959	33	XI	167	135	13	1	18	57	56	129	13	12	125	7	5	26	79	10	818

$\lambda = 6°54'$, $\beta = 47°4'$, $H = 800^m$, $h_r = 1.7^m$.

Cernier.

Beobachter: **E. Guinand.**

Jan.	−0.2	2.5	0.6	0.9	−6.2	10	5.8	7	7.2	139	23	21	19	17	11	—	—	11	4	16	0	0	0	1	0	18	4	0	70
Febr.	−2.0	3.6	−0.1	0.4	−8.7	19	9.6	11	3.1	65	18	2	7	7	6	—	—	1	15	3	3	7	9	6	1	9	3	2	44
März	2.2	8.1	4.1	4.6	−8.5	2	15.2	30	5.1	89	16	17	10	8	5	—	—	3	5	6	0	2	1	1	2	26	2	9	50
April	4.3	9.8	5.6	6.3	−4.4	12	20.1	29	5.6	87	23	17	15	12	5	—	2	3	3	6	1	11	2	3	1	22	2	6	42
Mai	8.5	14.4	9.6	10.8	1.0	6	24.2	31	4.8	88	18	10	18	14	2	1	3	3	5	5	1	5	1	4	2	18	8	9	45
Juni	12.6	17.2	12.7	13.8	8.2	25	25.4	18	5.5	57	21	25	10	8	—	—	3	2	4	6	3	5	0	2	4	22	7	11	36
Juli	11.9	16.2	11.9	13.0	7.0	9	23.9	29	5.9	118	24	23	19	16	—	—	3	5	3	9	0	5	2	1	3	16	4	13	49
Aug.	12.4	18.3	13.8	14.6	8.2	10	24.2	29	4.1	155	50	29	13	13	—	—	4	3	9	4	2	3	4	3	1	18	3	11	48
Sept.	9.6	15.4	10.2	11.3	5.7	24	24.1	4	5.3	93	24	4	16	15	—	1	2	5	3	4	0	1	1	1	2	8	1	3	73
Okt.	6.6	12.6	7.8	8.7	0.8	15	16.2	2	5.2	41	15	8	11	8	—	—	—	5	4	4	0	2	0	3	1	12	1	2	72
Nov.	4.2	7.6	4.8	5.3	−2.4	21	13.6	3	6.9	201	62	12	20	18	—	—	—	6	1	13	1	0	0	1	1	23	3	4	57
Dez.	−1.7	1.6	−1.1	−0.6	−10.0	22	8.5	1	6.2	82	26	6	9	8	8	—	—	5	3	7	0	10	1	1	0	21	4	2	54
Jahr	5.8	10.6	6.7	7.5	−10.0	XII	25.4	VI	5.4	1215	62	XI	167	144	37	2	17	52	59	83	11	51	21	27	18	213	42	72	640

$\lambda = 9°49'$, $\beta = 46°48'$, $H_b = 1868.3^m$, $h_r = 1.5^m$. **Schatzalp** (ob Davos). Beobachter: **Sanatorium.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	●	●* >1.0	*	▲	≡	hell	trübe		
Jan.	−4.8	−0.3	−4.6	−3.6	−10.6	13	3.2	1	73	62	74	70	30	1	5.9	5.1	6.0	5.7	80	30	23	15	12	15	—	—	0	8	11	
Febr.	−7.3	−0.7	−6.4	−5.2	−15.5	18	5.9	5	64	50	65	60	28	25	3.1	3.2	2.2	2.8	23	8	3	5	5	5	—	—	1	14	1	
März	−1.1	4.4	−1.3	0.2	−12.2	18	10.9	30	66	51	70	62	29	30	4.6	5.3	3.7	4.5	53	20	18	7	7	6	1	—	0	10	6	
April	*0.0	4.5	−1.0	0.6	−15.8	13	15.0	30	72	57	78	69	29	16	6.7	6.5	5.2	6.1	66	20	1	13	10	11	—	—	3	4	10	
Mai	*5.1	9.6	3.2	5.3	−3.8	5	19.3	30	69	57	84	70	34	8	5.9	6.7	5.3	6.0	109	17	27	18	17	12	—	—	8	4	9	
Juni	*8.0	12.3	6.6	8.4	0.4	6	20.6	4	70	64	86	73	38	4.17	6.5	7.2	6.1	6.6	143	28	27	16	13	5	—	1	6	1	13	
Juli	*6.3	10.3	6.1	7.2	0.4	8.9	20.1	14	80	68	86	78	33	14	7.7	7.4	7.3	7.5	204	36	8	20	19	6	—	3	16	1	17	
Aug.	*9.0	12.8	7.8	9.4	1.1	9	18.8	29	72	59	84	72	31	23	5.2	6.1	4.8	5.4	135	19	9	14	13	2	—	1	3	9	10	
Sept.	*6.2	11.3	6.0	7.4	0.9	22	20.3	4	75	58	81	71	39	16	5.3	6.3	5.1	5.6	78	16	10	14	14	2	—	—	2	6	10	
Okt.	4.5	10.3	4.7	6.0	−2.6	14	14.7	25	69	51	69	63	23	15	4.4	5.2	3.8	4.5	65	42	8	5	4	3	—	—	2	11	7	
Nov.	−0.5	3.3	0.1	0.8	−6.5	26	9.7	3	79	68	78	75	27	20	7.2	7.0	6.2	6.8	166	33	16	13	12	13	—	—	2	3	13	
Dez.	−5.4	−1.6	−5.6	−4.6	−15.8	31	6.7	3	70	61	69	67	32	22.24 27	5.6	5.3	5.2	5.4	94	23	6	14	13	14	—	—	0	8	7	
Jahr	1.7	6.4	1.3	2.7	−15.8	IV XII	20.6	VI	72	59	77	69	23	X	5.7	5.9	5.1	5.6	1216	42	X	154	139	94	1	5	43	79	114	

* Die Temperaturmittel von 7^{30} in den Monaten April—September wurden wegen Besonnung des Thermometergehäuses reduziert nach Arosa.

$\lambda = 9°36'$, $\beta = 46°49'$, $H = 1350^m$, $h_r = 1.2^m$. **Tschiertschen.** Beobachter: **A. Sutermeister.**

Jan.	−2.9	1.0	−2.2	1.3	−8.2	13	4.2	25	—	—	—	—	—	—	8.2	7.6	6.4	7.4	65	20	23	12	12	12	—	—	4	3	14	
Febr.	−4.8	0.8	−4.2	−3.1	−12.3	18	7.3	5	—	—	—	—	—	—	5.6	4.4	3.9	4.6	10	4	2	5	3	5	—	—	2	4	8	
März	1.4	6.7	1.5	2.8	−8.2	1	12.5	30	—	—	—	—	—	—	6.9	6.3	4.7	6.0	51	17	23	7	6	6	—	—	4	6	10	
April	2.6	6.9	1.6	3.2	−12.7	13	16.6	30	—	—	—	—	—	—	7.2	7.5	6.3	7.0	64	25	1	11	11	9	—	—	6	0	15	
Mai	7.3	12.0	6.2	8.0	−0.7	5	21.1	31	—	—	—	—	—	—	6.4	7.2	5.5	6.4	91	15	23	17	15	6	—	—	8	5	11	
Juni	10.6	14.7	9.1	10.9	2.8	28	22.7	2	—	—	—	—	—	—	7.2	7.1	7.6	7.3	107	28	27	14	11	—	—	—	9	2	16	
Juli	9.0	13.1	8.8	9.9	3.0	9	22.3	14	—	—	—	—	—	—	8.1	7.3	8.6	8.0	167	44	15	21	21	—	—	3	14	0	19	
Aug.	10.8	15.1	9.9	11.4	4.1	9	21.2	29	—	—	—	—	—	—	5.5	5.9	5.6	5.7	109	17	8	14	10	—	—	—	7	5	12	
Sept.	8.6	12.7	7.9	9.3	3.3	11	20.2	4	—	—	—	—	—	—	5.7	6.8	6.0	6.2	73	12	5	13	10	—	—	—	2	6	10	
Okt.	6.3	11.6	6.6	7.8	−0.1	14	15.3	26	—	—	—	—	—	—	5.9	5.4	5.3	5.5	90	53	8	6	6	1	—	—	1	4	10	
Nov.	1.6	5.0	2.3	2.8	−4.5	26	11.0	1	—	—	—	—	—	—	8.5	7.4	6.7	7.5	138	28	16	13	12	10	—	—	7	1	16	
Dez.	−4.2	−0.7	−3.6	−3.1	−12.1	31	7.0	3	—	—	—	—	—	—	5.8	6.5	6.2	6.2	115	33	28	15	11	15	—	—	8	5	11	
Jahr	3.9	8.2	3.7	4.9	−12.7	IV	22.7	VI	—	—	—	—	—	—	6.8	6.6	6.1	6.5	1080	53	X	148	128	64	—	3	72	41	152	

$\lambda = 9°26'$, $\beta = 46°55'$, $H_b = 950^m$, $h_r = 1.5^m$. **Vättis.** Beobachter: **F. W. Sprecher.**

Jan.	−1.2	2.6	−0.8	−0.3	−7.2	14	6.8	5	69	58	70	66	28	8	6.0	5.1	4.8	5.3	71	20	23	11	10	9	—	—	0	9	9	
Febr.	−3.7	2.5	−1.9	−1.2	−10.8	16	7.8	26	65	47	63	58	13	26	4.7	3.5	2.5	3.6	15	7	2	4	4	4	—	—	0	13	2	
März	2.8	8.8	3.8	4.8	−8.0	2	16.3	29	63	42	60	55	17	30	5.0	5.3	3.7	4.7	38	12	23	7	6	5	—	—	0	7	4	
April	4.2	9.1	4.2	5.4	−10.6	14	20.0	29	69	48	66	61	12	16	6.4	6.8	5.1	6.1	53	16	1	8	7	5	—	—	0	3	11	
Mai	9.6	13.9	8.0	9.9	0.8	5	23.7	31	63	48	69	60	29	10	5.2	6.3	5.5	5.7	56	10	23	14	13	1	—	—	0	5	6	
Juni	12.8	16.5	11.1	12.9	5.4	7	26.3	2	65	52	72	63	27	2	5.8	6.3	5.9	6.0	117	34	27	14	12	—	—	1	0	4	11	
Juli	10.9	15.5	10.2	11.7	5.4	9	24.7	30	73	55	75	68	27	14	7.1	6.8	6.8	6.9	184	49	15	21	19	—	—	1	0	2	16	
Aug.	10.9	17.2	11.0	12.5	5.4	17	23.6	29	76	54	76	69	27	23	4.5	5.4	4.5	4.8	85	14	29	13	12	—	—	—	0	10	8	
Sept.	9.3	15.3	9.5	10.9	2.7	27	22.2	3	74	54	73	67	36	28	4.7	5.0	4.3	4.7	82	16	5	13	13	—	—	—	0	8	5	
Okt.	7.8	13.8	8.9	9.9	0.9	15.17	17.8	1	65	46	62	58	17	21	4.1	4.2	3.7	4.0	62	29	8	6	6	—	—	—	0	12	6	
Nov.	3.6	7.4	4.3	4.9	−1.0	27	14.3	2	75	60	72	69	30	21	7.3	6.7	5.8	6.6	152	49	16	13	13	6	—	—	0	4	12	
Dez.	−2.5	1.0	−2.2	−1.5	−8.2	31	8.8	3	73	61	76	70	31	20	5.6	5.6	5.4	5.5	95	31	6	14	12	14	—	—	0	8	11	
Jahr	5.4	10.3	5.5	6.7	−10.8	II	26.3	VI	69	52	70	64	12	IV	5.5	5.6	4.9	5.3	1010	49	VII XI	138	127	44	—	2	0	85	101	

$\lambda = 8°48'$, $\beta = 46°49'$, $H_b = 604.3^m$, $h_r = 1.0^m$. **Reichenau.** Beobachter: **Ph. Wittmann. H. Steiger.**

Jan.	−0.9	4.2	0.6	1.1	−4.0	10	8.3	5	—	—	—	—	—	—	6.5	4.5	5.5	5.5	85	23	23	10	9	6	—	—	0	9	11	
Febr.	−2.1	4.9	0.0	0.7	−7.0	19	10.3	27	—	—	—	—	—	—	4.6	2.7	2.7	3.3	11	5	2	4	2	4	—	—	0	14	3	
März	2.8	11.9	5.3	6.3	−4.0	2.19	19.0	30	—	—	—	—	—	—	4.9	3.9	4.3	4.4	44	15	23	6	6	3	—	—	0	10	4	
April	5.2	12.7	6.9	8.0	−7.0	14	22.2	29.30	—	—	—	—	—	—	5.7	4.6	5.2	5.2	61	25	1	8	7	3	—	—	0	8	8	
Mai	9.9	17.0	10.2	11.8	3.0	5	25.2	27.29	—	—	—	—	—	—	5.7	4.8	5.6	5.4	58	9	4	15	14	—	—	—	0	7	11	
Juni	13.1	18.8	13.3	14.6	7.3	7	27.4	2	—	—	—	—	—	—	5.8	4.3	6.2	5.4	105	31	6	11	11	—	—	—	0	6	9	
Juli	11.9	17.6	13.3	14.0	7.2	9	26.0	14	—	—	—	—	—	—	7.4	5.6	7.5	6.8	137	59	15	17	16	—	—	—	0	2	14	
Aug.	13.0	19.6	13.8	15.1	9.4	10	26.0	5	—	—	—	—	—	—	4.7	4.2	4.3	4.4	92	13	6.12	13	11	—	—	—	0	14	8	
Sept.	11.2	17.1	12.5	13.3	6.0	27	25.0	3	—	—	—	—	—	—	4.4	4.4	5.1	4.6	73	15	5	13	12	—	—	—	1	6	4	
Okt.	8.0	15.5	10.0	10.9	2.4	15	20.8	28	—	—	—	—	—	—	4.9	4.6	4.0	4.5	81	44	8	6	6	—	—	—	0	7	4	
Nov.	4.4	8.8	5.2	5.9	0.4	27.28	16.0	1	—	—	—	—	—	—	7.1	6.7	5.8	6.5	139	43	16	12	12	3	—	—	0	2	14	
Dez.	−1.3	2.2	−0.7	−0.1	−5.4	8.20	7.4	3	—	—	—	—	—	—	5.4	5.2	4.9	5.2	102	30	5	12	11	10	—	—	0	11	12	
Jahr	6.3	12.5	7.8	8.5	−7.0	II.IV	27.4	VI	—	—	—	—	—	—	5.6	4.6	5.1	5.1	988	59	VII	127	117	29	—	?	1	96	102	

Schwäbrig (bei Gais).

$\lambda = 9°29', \beta = 47°23', H_b = 1152^m, h_r = 1.6^m.$ Beobachter: **J. Lori. Ch. Küng.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● ✳	● ✕ ≥1.0	✳	▲	K	≡	helle	trübe
Jan.	−0.1	1.5	−0.3	0.2	−5.2	10	8.2	1	—	—	—	—	—	—	7.1	6.4	6.1	6.5	59	10	11	14	13	9	—	—	8	7	16
Febr.	−2.8	0.1	−2.5	−1.9	−12.1	19	7.2	5	—	—	—	—	—	—	4.0	4.9	2.4	3.8	19	16	27	4	3	4	—	—	5	11	4
März	2.4	6.0	3.5	3.9	−7.0	2	17.2	31	—	—	—	—	—	—	6.4	6.8	4.9	6.0	67	19	24	8	8	5	—	—	4	9	14
April	3.1	5.8	2.9	3.7	−10.0	13	18.0	30	—	—	—	—	—	—	7.6	7.3	5.4	6.8	89	22	19	14	12	9	—	1	9	4	15
Mai	7.7	11.5	7.1	8.3	−1.5	5	21.6	30	—	—	—	—	—	—	6.2	6.5	5.0	5.9	107	32	23	21	19	10	—	2	6	6	12
Juni	10.8	13.1	9.9	10.9	3.5	28	22.5	3	—	—	—	—	—	—	6.9	6.8	6.3	6.7	204	52	27	16	13	—	—	1	8	5	15
Juli	9.8	12.6	9.4	10.3	4.0	9	22.1	14	—	—	—	—	—	—	7.2	7.3	6.7	7.1	237	53	8	20	19	—	—	2	9	6	18
Aug.	11.4	14.8	11.3	12.2	6.1	10	21.8	29	—	—	—	—	—	—	5.8	5.8	4.9	5.5	218	38	6	18	17	—	—	4	9	10	12
Sept.	9.6	12.2	9.0	9.9	4.6	10	20.1	3	—	—	—	—	—	—	5.7	6.4	6.4	6.2	158	39	10	15	13	—	1	3	6	5	11
Okt.	8.5	12.0	8.8	9.5	0.6	14	18.3	8	—	—	—	—	—	—	5.5	5.6	4.7	5.3	46	19	5	5	3	—	—	—	6	8	9
Nov.	3.9	5.9	3.9	4.4	−2.0	26	13.1	12	—	—	—	—	—	—	8.9	8.2	7.5	8.2	143	34	16	17	14	9	—	—	5	2	22
Dez.	−2.0	−0.3	−1.8	−1.4	−10.4	31	8.1	3	—	—	—	—	—	—	7.5	7.3	6.9	7.2	98	21	6	18	14	16	—	—	6	4	15
Jahr	5.2	8.0	5.1	5.8	−12.1	II	22.5	VI	—	—	—	—	—	—	6.6	6.6	5.6	6.3	1445	53	VII	170	148	62	1	13	81	77	163

Ebnat.

$\lambda = 9°8', \beta = 47°16', H_b = 649^m, h_r = 1.9^m.$ Beobachter: **J. J. Kuratle.**

Jan.	−2.0	2.1	−1.2	−0.6	−8.6	9	7.7	18	—	—	—	—	—	—	6.8	6.1	6.4	6.4	129	24	23	16	15	10	—	1	5	5	13
Febr.	−4.9	2.7	−2.3	−1.7	−11.8	17	9.4	13	—	—	—	—	—	—	4.6	4.3	3.4	4.1	41	15	1	6	5	4	—	—	2	10	4
März	1.4	9.9	3.5	4.6	−6.4	2	21.4	31	—	—	—	—	—	—	5.7	5.4	4.5	5.2	77	26	8	9	9	5	—	—	0	8	7
April	4.1	10.8	5.5	6.5	−7.0	13	23.1	30	—	—	—	—	—	—	6.2	6.7	6.6	6.5	124	25	17	15	12	7	—	1	0	3	10
Mai	8.2	15.8	9.8	10.9	1.4	8	28.9	31	—	—	—	—	—	—	5.3	5.8	6.1	5.7	114	17	18	18	18	1	—	5	1	5	11
Juni	12.1	17.6	12.6	13.7	7.1	28	24.8	3.-4. 17.18	—	—	—	—	—	—	5.9	6.6	6.3	6.3	190	29	20	16	16	—	1	2	0	3	13
Juli	11.4	17.1	12.5	13.4	6.3	9	26.8	14	—	—	—	—	—	—	6.4	6.4	6.8	6.5	233	43	8	19	19	—	—	1	2	2	14
Aug.	10.7	18.9	13.4	14.1	6.0	18	25.6	24	—	—	—	—	—	—	4.8	5.0	5.5	5.1	222	37	6	17	15	—	—	1	3	9	8
Sept.	8.4	15.7	10.7	11.4	2.8	30	23.4	1	—	—	—	—	—	—	6.6	5.8	6.6	6.3	179	41	10	14	14	—	—	2	4	2	11
Okt.	5.9	14.5	8.0	9.1	−0.2	15	20.0	28	—	—	—	—	—	—	5.2	5.6	4.4	5.1	46	20	8	5	5	—	—	—	2	5	3
Nov.	3.7	9.1	5.0	5.7	−2.0	23	16.6	1	—	—	—	—	—	—	7.9	7.1	6.4	7.1	238	58	16	17	17	—	—	—	3	2	12
Dez.	−1.5	2.4	−1.0	−0.3	−11.4	21	12.0	1	—	—	—	—	—	—	7.4	6.6	7.2	7.1	133	28	6	16	15	11	—	—	3	4	15
Jahr	4.8	11.4	6.4	7.2	−11.8	II	28.9	V	—	—	—	—	—	—	6.1	5.9	5.9	6.0	1726	58	XI	168	160	38	1	13	25	58	121

Rorschach (Mariaberg).

$\lambda = 9°30', \beta = 47°29', H = 455^m, h_r = 1.4^m.$ Beobachter: **Seminargärtnerei.**

Jan.	−0.1	1.8	0.6	0.7	−3.4	10	7.5	21	—	—	—	—	—	—	9.6	8.5	8.4	8.8	83	17	11	14	14	3	—	—	10	0	23
Febr.	−1.8	2.4	0.3	0.3	−8.2	23	9.3	4	—	—	—	—	—	—	6.3	5.5	3.8	5.2	27	12	2	5	4	1	—	—	3	6	7
März	3.5*	9.5*	6.0*	6.2*	—	—	—	—	—	—	—	—	—	—	7.1	5.4	4.3	5.6	77	29	23	9	7	3	—	—	5	5	7
April	6.3	10.7	7.0	8.0	−4.5	13	20.1	30	—	—	—	—	—	—	6.3	6.3	7.2	6.6	72	10	20	15	12	2	—	—	2	5	12
Mai	10.9	15.8	11.6	12.5	4.9	5	24.5	29	—	—	—	—	—	—	6.0	5.1	6.7	5.9	59	12	10	16	9	—	—	1	0	4	10
Juni	14.6	18.6	14.7	15.7	9.7	25	25.5	1	—	—	—	—	—	—	6.7	6.1	7.6	6.8	136	20	5	16	14	—	—	1	2	4	16
Juli	13.9	17.4	14.1	14.9	9.0	9	23.3	14	—	—	—	—	—	—	6.3	6.6	7.4	6.8	146	23	8	18	13	—	—	1	0	3	12
Aug.	14.4	18.4	14.7	15.6	10.4	15	22.7	24	—	—	—	—	—	—	5.6	4.8	6.0	5.5	148	31	20	16	15	—	—	—	0	9	14
Sept.	12.3	15.7	12.1	13.1	7.7	27	20.7	3	—	—	—	—	—	—	8.3	6.5	5.9	6.9	100	37	10	11	10	—	—	1	4	0	13
Okt.	8.9	12.6	10.4	10.6	2.9	15	21.9	29	—	—	—	—	—	—	9.1	7.8	5.2	7.4	27	15	8	5	3	—	—	—	10	1	14
Nov.	6.3	8.3	6.5	6.9	0.0	21	13.3	4	—	—	—	—	—	—	8.8	8.7	7.1	8.2	120	19	27	19	18	—	—	—	5	0	20
Dez.	0.8	2.6	1.2	1.5	−4.7	20.31	8.5	27	—	—	—	—	—	—	9.8	8.6	8.9	9.1	79	28	6	20	16	8	—	—	7	0	26
Jahr	7.5	11.2	8.3	8.8	−8.2	II	25.5	VI	—	—	—	—	—	—	7.5	6.7	6.5	6.9	1074	37	IX	164	135	17	—	4	48	37	174

Auen (Linthal).

$\lambda = 8°59', \beta = 46°54', H_b = 821^m, h_r = 1.5^m.$ Beobachter: **L. Curt.**

Jan.	−0.1	2.1	0.0	0.5	−6.3	10	6.0	20	78	72	82	77	38	1	5.4	5.7	5.2	5.4	124	45	23	12	8	12	—	—	4	9	12
Febr.	−2.3	2.5	−1.0	−0.4	−9.6	19	7.0	11	70	55	71	66	33	26	3.8	3.1	2.7	3.2	44	20	2	6	5	6	—	—	5	14	3
März	3.0	8.9	4.9	5.4	−5.3	2	18.5	30	72	51	70	64	20	30	4.8	5.6	3.8	4.7	45	8	17.31	8	7	4	—	—	2	10	7
April	4.2	9.7	5.7	6.4	−7.9	14	20.6	30	81	59	75	71	28	16	6.6	6.6	6.5	6.6	116	23	11	13	13	7	—	1	1	4	12
Mai	8.7	14.6	9.6	10.6	0.8	5.10	25.3	30	80	56	80	72	35	31	5.8	5.8	6.0	5.9	120	19	10	16	14	2	—	3	1	4	10
Juni	12.0	16.3	11.8	13.0	3.6	28	24.1	3	84	65	91	80	35	5	6.2	7.3	7.2	6.9	225	45	27	16	15	—	—	3	3	3	13
Juli	11.2	15.4	11.1	12.2	4.2	9	24.1	14	82	67	95	81	40	13	7.8	7.7	7.7	7.7	285	49	19	22	22	—	—	6	0	1	16
Aug.	12.7	17.8	13.2	14.3	8.3	15	24.0	29	87	64	91	81	38	23	4.8	5.5	5.8	5.4	171	25	20	18	16	—	—	6	4	11	13
Sept.	9.8	15.2	10.7	11.6	4.2	11	22.1	3	92	66	94	84	36	16	5.3	5.5	6.0	5.6	189	36	14	14	14	—	—	5	6	7	10
Okt.	8.9	14.0	10.1	10.8	1.3	15	20.5	26	78	58	76	71	20	21	4.2	4.2	3.7	4.0	54	22	5	5	5	—	—	—	1	13	5
Nov.	4.3	7.4	5.0	5.4	−1.6	26	16.4	11	85	73	83	81	37	11	7.3	6.9	6.3	6.8	199	58	16	16	15	6	—	4	4	16
Dez.	−0.6	1.2	−0.8	−0.2	−7.9	31	7.9	3	82	73	83	79	35	28	6.4	5.7	5.7	5.9	181	54	10	17	16	15	—	—	6	8	16
Jahr	6.0	10.4	6.7	7.5	−9.6	II	25.3	V	81	63	83	76	20	III.X	5.7	5.8	5.6	5.7	1753	58	XI	163	150	52	—	24	37	88	133

$\lambda = 8°56'$, $\beta = 47°16'$, $H_b = 912.3^m$, $h_r = 6.7^m$. **Wald** (Hittenberg-Sanatorium). Beobachter: **G. Keller.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag		Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum Tag	●	●* ≥1.0	*	▲	K	≡	helle	trübe
Jan.	0.2	2.2	0.8	1.0	−6.8	10	6.8	2	79	79	81	79	27	1	7.0	6.6	6.3	6.6	69	14	23	14	14	9	—	—	4	6	16
Febr.	−1.6	2.5	−0.4	0.0	−9.0	19	7.3	11	69	68	68	69	35	12	3.4	4.0	2.7	3.7	26	7	2	7	7	5	—	—	1	13	6
März	3.5	7.2	4.7	5.0	−5.6	2	16.8	30	73	63	68	68	14	30	5.6	5.7	4.5	5.3	99	23	8	10	9	7	—	—	1	8	10
April	4.3	8.3	5.4	5.8	−6.0	12.13/14	20.4	30	78	65	70	71	30	4	6.9	7.0	6.4	6.8	139	25	17	13	13	5	—	1	1	2	14
Mai	8.5	13.3	9.6	10.3	2.0	6	23.8	30	77	66	71	72	35	16	5.8	6.5	6.4	6.2	119	23	10	17	17	4	—	2	3	4	13
Juni	12.3	15.4	12.3	13.1	4.9	26	23.2	1.17	80	70	76	75	35	1.14	6.5	7.3	6.8	6.9	198	43	27	16	16	—	—	—	4	4	15
Juli	11.2	15.1	12.3	12.8	6.4	9	22.8	14	83	69	77	76	40	2	6.8	7.6	7.2	7.2	314	59	8	20	18	—	—	—	6	2	17
Aug.	12.5	16.7	13.7	14.2	8.4	10	21.7	29	83	70	76	76	43	2	5.0	5.1	5.3	5.1	209	33	12	18	16	—	—	1	2	10	12
Sept.	10.3	13.8	11.0	11.6	6.2	12	21.0	4	86	79	84	83	62	2	6.6	6.5	6.4	6.5	139	30*	10	14	13	—	—	1	6	4	11
Okt.	8.7	12.3	9.6	10.0	0.9	15	18.4	26	74	67	74	72	33	26	5.4	6.0	4.9	5.4	56	24	5	6	6	—	—	—	2	6	10
Nov.	5.2	6.9	5.5	5.8	0.3	25	12.2	1	81	77	80	79	40	20	8.3	8.1	7.4	7.9	204	31	5	18	18	5	—	—	3	3	19
Dez.	−0.1	1.2	−0.1	0.2	−6.8	31	10.0	1	72	71	78	73	30	28	7.0	6.4	6.8	6.7	142	33	6	18	17	16	—	—	6	8	18
Jahr	6.3	9.6	7.0	7.5	−9.0	II	23.8	V	78	70	75	74	14	III	6.2	6.4	5.9	6.2	1714	59	VII	171	164	51	—	5	39	70	161

$\lambda = 8°26'$, $\beta = 47°2'$, $H_b = 450^m$, $h_r = 1.9^m$. **Weggis.** Beobachter: **J. Naef.**

Jan.	1.5	3.5	1.9	2.2	−2.4	10	9.2	21	94	88	91	91	57	21	8.6	8.4	8.1	8.4	47	10	26	13	12	3	—	—	5	0	10
Febr.	−0.5	3.4	0.8	1.1	−4.8	24	7.2	4	93	84	91	89	57	15	5.6	4.9	3.2	4.6	27	11	2	5	5	—	—	—	1	9	4
März	4.4	10.1	6.3	6.8	−1.4	2	18.8	31	89	70	82	80	27	30	5.8	5.0	3.8	4.9	102	21	23	9	9	5	—	—	1	7	6
April	6.7	11.3	7.4	8.2	−3.3	13	20.8	28	89	74	85	83	40	4	6.9	5.4	6.0	6.1	115	24	1	15	14	3	—	1	0	4	12
Mai	11.0	16.3	11.3	12.5	5.4	4	24.2	30	90	74	84	82	51	16	5.3	5.8	5.2	5.4	123	29	10	17	16	—	—	5	0	7	9
Juni	14.1	18.4	14.3	15.3	8.8	28	24.2	1	88	79	88	85	64	14	6.5	6.5	6.5	6.5	235	47	27	17	15	—	1	5	0	4	14
Juli	13.7	18.1	13.9	14.9	9.2	8	24.0	14	91	77	89	86	56	1	7.3	6.3	7.0	6.9	200	35	8	18	17	—	1	4	0	3	15
Aug.	14.7	19.2	15.2	16.1	11.6	14	24.8	5	92	79	92	88	58	1	6.5	5.0	4.9	5.4	171	35	20	19	15	—	—	8	0	6	9
Sept.	12.7	16.3	12.5	13.5	8.8	11	22.0	1	94	84	95	91	72	6	8.0	5.6	4.5	6.0	137	44	10	13	11	—	1	4	0	1	8
Okt.	9.2	13.4	10.0	10.7	5.0	14,15	17.8	22	95	81	93	90	53	22	7.1	6.0	5.2	6.1	33	15	8	7	4	—	—	—	1	3	10
Nov.	6.8	9.2	7.2	7.6	2.3	26	13.5	4	92	85	90	89	63	14	8.5	7.9	7.6	8.0	149	21	27	16	15	—	—	—	0	1	16
Dez.	1.5	3.5	2.1	2.3	−4.8	31	12.8	27	90	84	89	88	45	27	8.3	7.5	8.2	8.0	100	30	6	15	15	5	—	—	2	2	19
Jahr	8.0	11.9	8.6	9.3	−4.8	II.XII	24.8	VIII	91	80	89	87	27	III	7.0	6.2	5.9	6.4	1439	47	VI	164	148	16	3	27	10	47	132

$\lambda = 8°29'$, $\beta = 47°1'$, $H_b = 440^m$, $h_r = 1.5^m$. **Vitznau.** Beobachter: **E. Bärri.**

Jan.	1.2	3.3	1.6	1.9	−2.0	15	9.6	21	89	83	90	88	37	21	8.4	8.5	8.1	8.3	61	16	23	14	12	3	—	—	1	0	17
Febr.	−1.0	3.1	0.2	0.6	−5.2	24	7.2	1	86	69	83	80	52	14	5.2	4.0	2.6	3.9	24	10	2	5	5	—	—	—	1	11	3
März	3.7	9.6	5.7	6.2	−1.9	3	20.4	30	86	59	79	75	17	30	5.5	4.4	4.0	4.6	78	19	8	9	9	5	—	—	1	8	8
April	5.8	11.2	7.6	8.0	−4.8	14	23.0	30	83	62	78	74	20	4	6.5	5.3	5.3	5.7	115	27	1	14	10	3	—	1	0	7	12
Mai	9.9	16.2	11.0	12.0	5.0	11	25.0	30,31	83	59	81	75	30	16	4.7	5.2	4.4	4.8	142	28	10	17	17	—	1	3	0	7	6
Juni	13.4	18.8	14.1	15.1	8.7	28	25.2	18	84	64	85	77	44	11	5.4	6.0	5.7	5.7	235	52	27	16	14	—	1	4	0	7	11
Juli	12.8	18.6	13.5	14.6	8.4	9	24.0	14	89	64	90	81	44	9	6.6	5.9	6.2	6.2	235	41	8	18	17	—	1	4	0	3	12
Aug.	13.8	19.3	14.7	15.6	10.2	17	25.3	5	91	65	91	82	44	8	6.2	4.3	4.4	5.0	198	30	14	17	17	—	—	4	0	8	8
Sept.	12.1	16.4	12.0	13.1	8.4	22	22.8	1	92	71	94	86	60	2.19	7.9	5.8	4.8	6.2	159	44	10	12	12	—	—	3	0	1	8
Okt.	8.7	13.2	10.1	10.5	6.0	15	22.0	28	94	72	90	85	29	22	7.5	4.5	4.1	5.4	34	13	8	4	4	—	—	—	1	7	7
Nov.	6.1	9.0	6.6	7.1	3.0	22	14.4	5	93	76	90	86	50	15	8.7	6.9	7.0	7.5	141	24	27	17	16	—	—	—	0	2	18
Dez.	1.3	3.6	1.9	2.2	−3.6	31	10.8	27	88	77	83	83	25	27	7.6	7.0	7.9	7.5	102	40	6	15	12	6	—	—	1	4	19
Jahr	7.3	11.9	8.3	8.9	−5.2	II	25.3	VIII	88	68	86	81	17	III	6.7	5.6	5.4	5.9	1524	52	VI	158	145	17	3	19	5	65	129

$\lambda = 8°31'$, $\beta = 46°59'$, $H_b = 442^m$, $h_r = 3.0^m$. **Gersau.** Beobachter: **A. Müller.**

Jan.	1.7	3.5	2.4	2.5	−1.4	6	7.6	21	90	86	87	88	53	12	8.9	8.4	8.6	8.6	103	33	23	15	13	2	—	—	2	0	20
Febr.	0.1	3.0	1.5	1.5	−4.0	19	7.0	1	82	74	76	77	55	26	6.0	4.2	3.5	4.6	36	20	2	6	5	—	—	—	0	8	3
März	4.6	9.5	7.0	7.1	−0.4	19	19.0	30	82	61	71	72	22	30	5.4	4.8	4.1	4.8	91	33	8	11	10	3	—	—	1	8	8
April	6.6	11.1	8.3	8.6	−3.5	14	22.0	30	82	62	72	72	30	4	6.8	5.4	5.7	6.0	161	52	1	15	12	4	—	1	0	8	12
Mai	11.3	16.2	12.3	13.1	5.4	4	24.4	27	77	62	73	71	35	16	5.0	6.1	4.5	5.2	137	21	10	18	16	—	—	1	0	7	9
Juni	14.5	18.4	15.1	15.8	8.4	28	25.8	1	78	65	76	73	32	1	6.0	6.2	7.5	6.6	236	53	27	16	16	—	1	1	0	6	17
Juli	13.8	18.4	14.6	15.3	9.0	8	22.4	29	84	66	79	76	52	4	6.8	6.5	6.5	6.6	257	49	8	19	18	—	—	3	0	4	14
Aug.	14.9	19.2	15.9	16.5	11.8	9	24.4	5	84	69	80	78	49	5	5.5	4.0	5.5	5.0	232	40	20	17	17	—	—	1	0	8	9
Sept.	12.7	16.4	13.2	13.9	8.8	11	21.6	4	90	73	86	83	61	22	7.8	5.7	3.7	5.7	135	49	10	11	11	—	—	3	0	3	7
Okt.	10.0	13.6	11.3	11.6	6.2	15	20.0	29	88	73	81	81	35	22	7.1	5.3	4.1	5.5	44	18	8	7	5	—	—	—	0	4	6
Nov.	6.7	9.1	7.4	7.7	3.6	21	14.1	4	90	80	85	85	50	15	8.4	7.2	7.7	7.8	162	27	27	18	16	—	—	—	0	2	16
Dez.	1.7	3.7	2.2	2.5	−3.3	31	8.6	10	85	79	83	82	50	27	8.1	7.9	7.5	7.8	142	47	6	16	13	4	—	—	1	1	19
Jahr	8.2	11.8	9.3	9.7	−4.0	II	25.8	VI	84	71	79	78	22	III	6.8	6.0	5.7	6.2	1736	53	VI	169	152	13	1	10	4	59	140

$\lambda = 8°37'$, $\beta = 46°44'$, $H_b = 742^m$, $h_r = 1.5^m$.

Gurtnellen.

Beobachter: **J. Baumer. J. Ernst.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≧1.0	✳	▲	K	≡	helle	trübe
Jan.	1.6	2.8	1.8	2.0	−6.0	9	9.4	5	—	—	—	—	—	—	6.1	5.5	5.6	5.7	88	36	23	11	9	5	—	—	5	8	11
Febr.	−0.9	2.8	1.2	1.1	−5.8	23	9.6	5	—	—	—	—	—	—	4.1	3.7	3.1	3.6	26	16	2	5	5	4	—	—	2	12	4
März	4.8	8.9	6.2	6.6	−2.8	2	15.5	30	—	—	—	—	—	—	5.5	6.0	3.7	5.1	52	16	31	7	7	5	—	—	0	9	8
April	5.8	10.3	6.7	7.4	−6.4	14	21.0	29	—	—	—	—	—	—	6.9	6.0	5.9	6.3	110	37	1	13	12	7	—	—	0	4	13
Mai	9.5	15.4	10.9	11.7	3.5	6	24.5	31	—	—	—	—	—	—	6.0	7.5	5.9	6.5	93	26	10	14	11	—	—	—	0	5	13
Juni	12.9	17.3	13.4	14.2	6.4	28	25.0	2	—	—	—	—	—	—	6.6	7.1	6.9	6.9	112	30	27	14	11	—	—	—	0	2	13
Juli	11.4	16.7	12.6	13.3	7.6	9	23.8	14	—	—	—	—	—	—	5.7	4.8	6.8	5.8	134	25*	8	19	17	—	—	1	3	4	9
Aug.	12.6	18.6	14.2	14.9	8.5	17	26.4	2	—	—	—	—	—	—	4.7	4.7	4.8	4.7	85	14	6	14	10	—	—	1	0	12	9
Sept.	10.6	15.6	12.1	12.6	6.5	11.24	22.2	4	—	—	—	—	—	—	4.6	5.1	4.8	4.8	119	22	14	14	13	—	—	1	2	8	7
Okt.	9.4	13.6	11.2	11.4	3.3	15	19.8	26	—	—	—	—	—	—	3.7	3.2	3.6	3.5	90	44	8	6	5	—	—	—	1	14	3
Nov.	6.1	8.2	6.8	7.0	1.5	27	15.6	11	—	—	—	—	—	—	6.2	4.5	5.5	5.4	133	31	16	16	13	3	—	—	1	8	9
Dez.	0.1	1.6	0.5	0.7	−5.6	22.23	9.5	4	—	—	—	—	—	—	4.8	5.4	6.2	5.5	136	32	6	17	16	16	—	—	5	7	12
Jahr	7.0	11.0	8.1	8.6	−6.4	IV	26.4	VIII	—	—	—	—	—	—	5.4	5.3	5.2	5.3	1178	44	X	150	129	40	—	3	19	93	111

$\lambda = 8°35'$, $\beta = 46°38'$, $H_b = 1442^m$, $h_r = 0.8^m$.

Andermatt **).

Beobachter: P. **Berard.**

1913	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≧1.0	✳	▲	K	≡	helle	trübe
Jan.	−4.7	−1.1	−3.9	−3.3	−13.8	14	3.0	5	—	—	—	—	—	—	6.5	6.0	4.9	5.8	109	33	23	9	8	9	—	—	1	5	9
Febr.	−8.0	−0.9	−5.7	−5.0	−16.4	23	6.0	5	—	—	—	—	—	—	2.2	3.6	3.2	3.0	32	17	2	5	5	5	—	—	3	15	4
März	−0.9	4.1	0.4	1.0	−14.3	3	8.9	13	—	—	—	—	—	—	5.3	6.1	5.0	5.5	96	40	31	9	8	6	—	—	1	7	13
April	0.2	4.9	1.2	1.8	−19.0	14	14.4	30	—	—	—	—	—	—	7.1	6.9	6.4	6.8	108	21	1	13	13	9	—	—	2	5	13
Mai	4.5*	10.0*	5.0*	6.1*	−2.0	21	19.7	27	—	—	—	—	—	—	5.8	6.7	5.9	6.1	102	22	10	16	13	?	—	1	1	5	11
Juni	7.9	12.1	8.3	8.9	1.0	28	20.3	18	—	—	—	—	—	—	6.5	7.3	6.2	6.7	108	24	27	14	13	1	—	—	5	4	14
Juli	7.0	11.7	7.9	8.4	2.2	9	21.0	14	—	—	—	—	—	—	6.8	5.7	6.5	6.3	100	15	19	19	17	—	—	1	10	3	13
Aug.	8.3	14.7	10.2	10.7	4.5	11	21.2	5	—	—	—	—	—	—	4.5	4.3	4.9	4.6	92	20	29	12	12	—	—	—	0	11	7
Sept.	6.0	12.0	7.7	8.3	0.2	11.23	23.2	3	—	—	—	—	—	—	5.0	4.6	4.9	4.8	167	33	14	13	13	—	—	—	2	8	7
Okt.	5.0*	10.5*	6.0*	7.0*	−3.0	17	—	—	—	—	—	—	—	—	5.3	5.2	4.7	5.1	178	60	8	8	8	—	—	—	0	7	9
Nov.	0.3	2.4	0.8	0.9	−8.2	26	10.0	5	—	—	—	—	—	—	7.0	6.5	6.3	6.6	100	32	16	15	15	12	—	—	2	5	17
Dez.	−5.8	−3.6	−6.3	−5.3	−14.2	9	4.1	5	—	—	—	—	—	—	4.6	3.8	5.0	4.5	121	34	6	16	16	?	—	—	0	11	8
Jahr	1.7	6.4	2.6	3.3	−19.0	IV	23.2	IX	—	—	—	—	—	—	5.6	5.6	5.3	5.5	1313	60	X	149	141	?	—	2	27	86	125

**) Andermatt. Die Abendbeobachtung geschieht um 8^{30}.

$\lambda = 8°20'$, $\beta = 47°16'$, $H_b = 483^m$, $h_r = 0.9^m$.

Muri.

Beobachter: **A. Müller.**

1913	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≧1.0	✳	▲	K	≡	helle	trübe
Jan.	−0.3	1.9	0.4	0.6	−5.5	6	8.6	31	94	86	91	90	55	21	9.9	8.7	7.8	8.8	92	27	23	16	14	?	—	—	8	0	23
Febr.	−2.5	2.7	0.0	0.1	−7.8	19.24	9.0	4	90	70	81	80	38	13	5.2	4.8	3.7	4.6	29	14	2	7	7	—	—	—	4	8	6
März	2.8	10.4	5.7	6.2	−4.2	2	20.6	30	90	59	83	77	30	30	5.8	5.3	4.0	5.0	69	27	21	7	7	2	—	—	0	9	7
April	5.8	11.7	7.2	8.0	−4.8	14	22.6	30	84	59	83	75	38	16	7.4	6.4	5.0	6.3	50	14	1	10	10	2	—	1	0	3	10
Mai	9.9	16.6	11.1	12.2	4.0	12	27.0	31	88	59	85	77	40	21	6.4	6.0	5.7	6.0	100	42	10	12	11	—	—	2	1	4	11
Juni	13.4	19.1	14.3	15.3	10.0	25	27.2	1	83	64	83	77	40	10	7.2	7.2	6.4	6.9	118	37	19	13	12	—	—	3	2	4	14
Juli	13.1	18.4	14.0	14.9	10.0	1.10	26.4	14	88	62	87	79	43	1	7.6	7.0	7.2	7.3	118	20	19	16	16	—	—	3	4	2	18
Aug.	13.3	20.1	14.9	15.8	8.1	11	24.6	29	86	61	89	78	43	11	6.1	5.8	4.1	5.3	116	23	12	11	11	—	—	1	3	8	9
Sept.	10.9	16.4	12.1	12.9	7.0	12.16	23.8	4	95	69	95	86	54	17	9.5	6.2	4.5	6.7	82	20	9	12	11	—	—	2	14	0	8
Okt.	7.3	13.0	8.5	9.3	−0.5	15	18.0	2	97	74	95	89	50	12	9.0	6.5	4.0	6.5	22	12	8	6	5	—	—	—	17	0	10
Nov.	5.6	8.9	6.3	6.8	0.4	23	15.4	3	94	82	94	90	60	14	9.2	8.7	8.1	8.7	119	30	12	16	16	—	—	—	8	0	20
Dez.	−0.2	2.0	0.3	0.6	−5.3	23.31	8.5	27	88	81	89	86	40	27	8.4	8.3	7.8	8.2	78	34	6	9	9	3	—	—	5	2	21
Jahr	6.6	11.8	7.9	8.6	−7.8	II	27.2	VI	90	69	88	82	30	III	7.6	6.7	5.7	6.6	993	42	V	135	129	?	—	12	66	40	157

$\lambda = 8°19'$, $\beta = 47°22'$, $H_b = 381^m$, $h_r = 9.6^m$.

Baden.

Beobachter: **F. J. Hitz.**

1913	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● *	●* ≧1.0	✳	▲	K	≡	helle	trübe
Jan.	−0.1	1.5	0.6	0.6	−5.1	1	7.4	26	—	—	—	—	—	—	9.5	9.0	9.5	9.3	93	17	23	15	15	6	—	—	10	0	26
Febr.	−1.8	3.0	0.9	0.8	−7.5	25	8.5	3	—	—	—	—	—	—	4.0	3.8	3.0	3.6	33	8	27	6	6	—	—	—	4	16	7
März	2.5	10.3	6.7	6.5	−4.1	2	21.3	30	—	—	—	—	—	—	5.5	4.2	4.0	4.6	70	16	23	7	7	2	—	—	2	10	9
April	5.0	11.4	8.0	8.1	−5.3	14	23.0	30	—	—	—	—	—	—	6.6	6.6	5.9	6.4	64	15	12	9	9	2	—	—	3	4	11
Mai	9.7	16.8	11.1	12.2	2.7	8	27.1	26	—	—	—	—	—	—	4.7	6.2	4.9	5.3	79	19	10	12	11	—	—	1	4	7	9
Juni	12.6	18.3	14.8	15.1	8.9	7	26.3	17	—	—	—	—	—	—	6.2	6.0	5.2	5.8	71	29	27	12	12	—	—	2	3	9	14
Juli	12.0	17.6	13.9	14.4	6.8	11	25.5	30	—	—	—	—	—	—	6.7	6.8	7.0	6.8	103	14	11	16	16	—	—	2	7	6	18
Aug.	12.4	19.6	15.4	15.7	8.7	17	24.5	4	—	—	—	—	—	—	4.7	5.0	4.4	4.7	112	20	5	12	12	—	—	4	6	12	10
Sept.	9.7	14.3	11.3	11.7	6.3	12	20.3	14	—	—	—	—	—	—	7.9	6.2	6.0	6.7	95	19	15	12	12	—	—	1	12	5	15
Okt.	7.9	12.9	9.0	9.8	2.9	19	17.6	29	—	—	—	—	—	—	5.8	5.0	5.0	5.3	32	8	4	7	7	—	—	—	18	11	10
Nov.	6.2	8.7	7.0	7.2	1.7	26	13.6	2	—	—	—	—	—	—	7.9	8.0	7.1	7.7	142	46	12	17	17	—	—	—	13	4	20
Dez.	0.3	2.6	1.4	1.4	−5.5	31	10.6	4	—	—	—	—	—	—	7.5	7.5	6.9	7.3	62	25	5	12	9	5	—	—	6	4	18
Jahr	6.4	11.4	8.3	8.6	−7.5	II	27.1	V	—	—	—	—	—	—	6.4	6.2	5.7	6.1	956	46	XI	137	133	15	—	10	88	88	167

$\lambda = 8°30'$, $\beta = 47°17'$, $H = 915^m$, $h_r = 1.5^m$.

Albishorn.

Beobachter: **H. Meier.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag		Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum Tag	●	●* ≥1.0	*	▲	⛆	≡	helle	trübe
Jan.	0.0	1.6	0.4	0.6	−5.4	9	7.5	1	80	75	78	78	25	1	6.6	7.0	5.3	6.3	49	8	23	11	11	10	—	—	1	6	14
Febr.	−2.2	2.0	−0.7	−0.4	−9.3	18.19	8.4	6	71	59	65	65	29	25	4.6	4.1	2.7	3.8	16	5	2	4	4	4	—	—	5	11	5
März	2.8	7.0	4.6	4.7	−5.1	19	17.1	31	75	59	68	67	20	30	6.4	6.1	3.7	5.4	85	20	21	9	9	6	—	—	2	9	8
April	3.5	7.9	4.9	5.3	−7.3	13	22.0	30	81	65	70	72	34	30	7.3	7.2	6.0	6.8	83	16	1	13	12	6	—	—	6	2	14
Mai	8.3	13.1	9.2	10.0	1.3	4.6	23.4	31	76	61	70	69	36	14.16 29	5.7	5.9	5.1	5.6	73	19	10	16	14	—	—	—	4	5	9
Juni	10.3	14.0	11.4	11.8	5.1	7.28	23.1	17	83	69	75	75	34	11	7.3	7.1	6.4	6.9	176	36	27	16	15	—	—	1	5	3	17
Juli	10.2	13.7	11.5	11.7	5.4	9	22.0	14	84	70	76	77	42	2	7.1	6.7	6.4	6.7	226	44	8	18	17	—	—	—	10	5	15
Aug.	11.8	15.9	13.6	13.7	7.3	10	23.1	29	84	67	70	74	41	4	5.3	5.4	5.0	5.2	145	33	6	14	13	—	1	—	6	8	11
Sept.	9.4	12.7	10.3	10.7	5.0	10	21.1	4	89	76	83	83	53	3	7.7	6.7	4.9	6.4	113	23	9	13	13	—	1	2	14	1	10
Okt.	8.2	11.2	9.4	9.5	1.2	15	16.4	25	76	67	71	71	33	28	6.5	6.4	4.2	5.7	25	10	8	5	3	—	—	—	8	7	11
Nov.	4.2	6.0	4.6	4.9	0.0	25	12.1	3	83	78	81	81	36	20	8.3	7.7	7.0	7.7	120	19	12	16	15	2	—	—	8	2	19
Dez.	−1.7	−0.2	−1.0	−0.9	−8.1	31	9.1	1	81	75	80	79	36	3	7.3	6.5	5.8	6.5	77	28	6	13	12	11	—	—	7	6	16
Jahr	5.4	8.7	6.5	6.8	−9.3	II	23.4	V	80	68	74	74	20	III	6.7	6.4	5.2	6.1	1188	44	VII	148	138	39	2	3?	76	65	149

$\lambda = 7°44'$, $\beta = 47°29'$, $H_b = 325^m$, $h_r = 1.5^m$.

Liestal.

Beobachter: **H. Pfaff.**

Jan.	0.5	4.2	1.0	1.7	−5.5	1	7.9	24	95	86	94	92	63	21	6.8	7.0	6.5	6.8	63	10	31	17	15	4	—	—	0	5	14
Febr.	−2.4	6.2	0.1	1.0	−8.5	19	11.4	6	96	80	89	88	48	24.25	3.8	3.2	2.1	3.0	40	13	27	6	5	—	—	—	1	13	3
März	2.5	11.6	4.7	5.9	−4.8	2	19.3	22	96	67	90	84	34	17	6.8	6.2	4.0	5.7	76	27	17	10	8	2	—	—	0	5	6
April	5.9	13.3	7.1	8.4	−3.5	14	27.7	30	93	68	91	84	44	16	7.2	7.1	6.4	6.9	70	16	19	14	9	2	—	2	1	2	13
Mai	11.3	18.8	10.8	12.9	4.2	7	32.0	30	90	62	92	82	38	30	5.2	6.1	4.8	5.4	111	23	10	14	10	—	1	5	0	5	6
Juni	14.4	20.6	13.8	15.7	9.4	6	29.4	18	87	67	89	81	41	14	6.3	6.5	6.2	6.3	68	14	19	15	9	—	—	3	1	4	14
Juli	13.7	19.6	13.8	15.2	10.0	9	28.8	14	91	71	90	84	53	29	5.7	6.9	6.6	6.4	73	8	22	16	14	—	1	2	3	4	12
Aug.	13.4	21.8	14.2	15.9	8.4	17	29.6	29	94	70	94	86	48	1.4	5.4	5.4	4.2	5.0	97	18	6	14	11	—	1	5	2	8	7
Sept.	10.5	18.6	11.2	12.9	5.2	28	26.2	3	99	78	99	92	63	17	7.7	6.0	4.3	6.0	69	13	4	14	12	—	—	4	2	4	9
Okt.	6.8	15.6	8.0	9.6	0.3	15	22.1	27	99	79	98	92	64	14	7.5	5.7	4.5	5.9	40	10	5	10	7	—	—	—	2	3	8
Nov.	5.5	10.2	6.4	7.1	0.1	21	16.4	3	97	87	97	94	69	8	9.3	8.0	7.2	8.2	117	36	12	20	17	—	—	—	4	1	21
Dez.	−0.5	3.5	0.7	1.1	−8.4	23	8.8	4	94	90	94	93	67	27	7.8	7.3	6.5	7.2	79	19	6	14	9	8	—	—	3	4	18
Jahr	6.8	13.7	7.6	8.9	−8.5	II	32.0	V	94	75	93	88	34	III	6.6	6.3	5.3	6.1	903	36	XI	164	126	16	3	21	19	58	131

$\lambda = 7°54'$, $\beta = 47°21'$, $H =$ ca. 400^m, $h_r = 1.5^m$.

Olten.

Beobachter: **J. Näf.**

Jan.	0.0	2.4	0.6	0.9	−3.0	10	7.6	24	96	85	94	92	57	24	9.7	8.9	8.8	9.1	108	20	21	19	17	8	—	—	14	0	24
Febr.	−2.3	3.9	0.3	0.6	−9.0	25	8.0	13.26	86	57	76	73	22	13	5.5	4.2	2.6	4.1	34	15	27	4	4	1	—	—	6	12	6
März	3.1	10.6	5.3	6.1	−3.8	2	18.4	31	91	50	85	75	30	30	6.7	5.7	4.8	5.7	86	25	17	11	9	3	—	—	2	6	9
April	6.1	12.6	7.4	8.4	−4.0	14	23.8	30	88	47	82	73	25	4	7.3	5.5	6.0	6.3	81	17	11.19	17	12	2	—	2	1	2	12
Mai	11.4	17.5	11.4	12.9	4.4	3	26.8	31	79	45	81	68	26	21	5.7	5.9	5.0	5.5	69	21	10	12	11	—	—	1	2	8	10
Juni	14.8	19.8	14.9	16.1	8.8	25	27.2	18	74	52	72	66	29	19	6.3	6.8	6.0	6.4	70	13	19	16	10	—	—	—	2	7	16
Juli	13.8	18.8	13.7	15.0	9.0	9	25.2	14	81	55	85	74	39	25	7.0	7.0	6.1	6.7	109	15	6	16	15	—	—	2	6	3	14
Aug.	13.7	20.7	14.5	15.9	9.0	17	26.2	29	85	51	87	74	30	1.2.3	5.6	4.7	4.3	4.9	90	15	6	14	14	—	—	—	4	11	11
Sept.	10.9	17.3	11.8	12.9	7.0	12	24.0	4.5	97	61	95	84	40	6	10.0	6.1	5.1	7.1	137	30	4	13	12	—	—	2	15	0	12
Okt.	7.5	13.4	8.3	9.4	1.0	15	19.2	2	99	71	98	89	45	9.14	9.4	6.0	7.1	7.5	39	12	8	10	5	—	—	—	22	1	14
Nov.	5.9	9.1	6.6	7.0	0.0	23	15.2	3	96	76	92	88	51	14	9.3	9.3	8.6	9.1	140	46	12	18	17	—	—	—	10	0	24
Dez.	0.2	2.9	0.8	1.2	−4.4	25	8.0	4	91	76	87	84	55	14.28 31	8.7	8.7	9.3	8.9	93	29	5	12	9	8	—	—	8	0	26
Jahr	7.1	12.4	8.0	8.9	−9.0	II	27.2	VI	89	60	86	78	22	II	7.6	6.7	6.1	6.8	1056	46	XI	162	135	22	—	7	92	50	178

$\lambda = 7°47'$, $\beta = 47°21'$, $H =$ ca. 930^m, $h_r = 1.5^m$.

Allerheiligen (Kt. Solothurn).

Beobachter: **Sanatorium.**

Jan.	0.8	2.3	1.1	1.3	−5.2	10	6.8	5.6.7	83	74	78	78	37	1	7.5	6.9	7.2	7.2	107	24	21	17	16	11	—	—	14	5	17
Febr.	−0.9	2.6	0.3	0.6	−8.8	19	9.6	11	71	58	62	63	26	13	4.2	3.4	2.7	3.4	43	13	2	6	5	5	—	—	3	13	6
März	3.0*	7.0	4.0*	4.5*	−4.2	2	16.0	31	74	60	67	67	30	16	5.0	5.4	4.6	5.0	103	25	17	9	8	4	—	—	4	7	6
April	3.7*	8.1	4.5*	5.2*	−3.1	15	19.1	30	78	65	73	72	40	30	7.4	7.4	5.3	6.7	117	28	10	18	13	6	—	2	4	2	9
Mai	9.0	13.2	9.8	10.0	1.3	6	24.1	31	80	59	71	70	41	20	5.3	6.8	5.4	5.8	116	41	10	14	11	3	—	3	4	5	13
Juni	11.7	15.6	12.5	13.1	7.4	25	23.4	18	83	68	77	76	39	10	7.1	7.1	5.9	6.7	100	23	27	16	13	—	1	1	6	4	13
Juli	11.6	14.7	12.1	12.6	7.3	9	22.0	14	87	72	83	81	45	13	6.7	7.4	6.3	6.8	130	17	10	18	15	—	1	2	5	3	14
Aug.	13.0	17.0	14.2	14.6	7.4	10	23.4	29	80	66	72	73	39	17	5.2	6.3	4.4	5.3	90	17	6	13	13	—	—	1	4	6	8
Sept.	10.4	13.5	11.0	11.5	7.2	10.19 21.24	21.2	3	88	73	83	81	51	3	7.1	6.2	3.9	5.7	129	24	14	17	12	—	—	2	14	3	8
Okt.	8.8	12.0	9.7	10.0	2.0	14	17.0	26	83	67	77	76	40	26	5.9	5.8	5.1	5.6	36	12	8	8	6	—	—	—	4	6	8
Nov.	5.2	7.0	5.6	5.8	1.0	25	12.2	3	86	81	84	84	51	30	8.3	8.5	7.8	8.2	151	56	12	20	17	3	2	—	10	1	21
Dez.	−0.1	1.3	−0.2	0.2	−7.4	31	10.2	1	82	79	80	80	38	27	6.6	6.9	7.0	6.8	110	29	5	15	10	11	1	—	4	5	16
Jahr	6.4	9.5	7.0	7.5	−8.8	II	24.1	V	81	69	76	75	26	II	6.4	6.5	5.5	6.1	1232	56	XI	171	139	43	5	11	76	60	139

$\lambda = 8^\circ 10'$, $\beta = 46^\circ 48'$, $H = 726^m$, $h_r = 1.5^m$.

Lungern.

Beobachter: **J. Renggli.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● ✱	●✱ ≥1.0	✱	▲	K	≡	helle	trübe
Jan.	−0.5	2.9	0.2	0.9	−8.6	10	7.0	31	92	82	91	89	46	31	7.2	7.0	6.9	7.0	126	35	23	14	14	7	—	—	9	3	18
Febr.	−3.0	2.4	−1.1	−0.7	−8.4	24	7.2	1.4.6	87	68	84	80	32	25	4.8	4.5	3.7	4.3	43	23	2	5	5	4	—	—	2	11	5
März	2.7	9.5	5.0	5.5	−6.8	2	18.6	30	86	58	79	74	22	30	6.4	6.3	4.7	5.8	62	21	31	10	9	6	—	—	1	7	11
April	4.5	10.0	5.9	6.8	−8.6	14	20.4	30	92	63	84	80	27	4	7.5	7.0	7.0	7.2	99	24	1	14	10	7	—	1	3	2	13
Mai	9.8	15.2	9.4	11.0	2.6	5	23.8	27	73	62	89	75	36	16	5.6	4.5	6.5	5.5	111	20	10	17	15	—	—	3	0	4	13
Juni	13.0	17.1	12.8	13.9	6.8	26	23.7	17	77	69	90	79	38	1	6.8	7.7	7.9	7.5	203	28	25	18	17	—	—	4	1	0	13
Juli	12.0	16.9	12.0	13.2	7.0	9	24.6	14	87	69	98	85	42	14	7.6	7.9	6.7	7.4	214	27	8	22	21	—	—	7	2	1	16
Aug.	12.2	18.3	13.3	14.3	8.4	17	25.2	5	97	68	98	87	42	5	6.1	6.5	5.4	6.0	167	32	20	18	18	—	—	4	3	5	13
Sept.	9.5	15.1	10.5	11.4	4.3	24	22.0	3	99	72	99	90	48	3	6.7	6.5	5.9	6.4	121	36	10	14	14	—	—	4	6	2	10
Okt.	7.1	13.6	8.8	9.6	1.0	18	21.6	28	95	66	91	84	34	28	6.2	5.1	4.0	5.1	27	10	8	5	5	—	—	—	2	5	4
Nov.	4.8	8.7	5.3	6.0	0.2	23	13.8	1	92	75	92	86	47	1	8.0	7.1	7.4	7.5	153	40	16	17	13	—	—	—	2	3	16
Dez.	−1.0	2.3	−0.1	0.3	−7.8	23	9.8	1	94	78	90	88	27	27	7.6	6.3	7.8	7.2	127	45	6	15	12	11	—	—	4	3	17
Jahr	5.9	11.0	6.9	7.7	−8.6	I.IV	25.2	VIII	89	69	90	83	22	III	6.7	6.4	6.2	6.4	1453	45	XII	169	153	35	—	23	35	46	149

$\lambda = 7^\circ 37'$, $\beta = 46^\circ 46'$, $H_b = 565^m$, $h_r = 1.9^m$.

Thun.

Beobachter: **Eidg. Munitionsfabrik.**

1913	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● ✱	●✱ ≥1.0	✱	▲	K	≡	helle	trübe
Jan.	−1.0	3.5	1.0	1.3	−5.7	6	10.1	31	96	79	93	89	46	31	8.1	7.2	7.2	7.5	37	6	18	13	10	3	—	—	9	2	16
Febr.	−2.3	4.1	0.1	0.5	−8.5	24	7.9	6	96	65	89	83	41	25	4.6	3.0	3.6	3.7	24	10	2	6	5	—	—	—	5	10	3
März	2.2	10.2	5.2	5.7	−3.5	2	18.6	31	97	58	86	80	41	15	5.9	5.7	3.9	5.2	83	17	31	8	7	2	—	—	2	7	7
April	5.4	11.4	7.0	7.7	−6.0	13	21.6	30	94	62	91	83	44	6.18	6.8	6.7	5.9	6.5	54	14	12	16	11	3	—	—	0	4	14
Mai	9.7	16.7	11.4	12.3	4.1	5	25.9	27	93	59	89	80	38	27	4.9	6.6	5.7	5.7	66	16	10	18	11	—	—	1	0	6	8
Juni	13.5	19.0	14.5	15.4	8.9	25	26.3	3	87	61	89	79	44	18	5.6	6.9	6.9	6.5	144	28	16	16	14	—	1	1	0	4	14
Juli	13.0	18.2	14.4	15.0	10.0	10	24.9	14	92	64	92	83	34	2	6.5	7.0	6.9	6.8	103	14	18	19	19	—	—	2	0	4	14
Aug.	13.3	20.2	15.1	15.9	10.1	8	25.7	5	96	60	86	81	44	2	5.1	5.0	4.0	4.7	97	30*	29	13	12	—	—	1	3	10	8
Sept.	10.4	17.0	12.6	13.1	3.5	24	24.3	4	98	67	98	87	47	19	6.8	5.1	5.7	5.9	114	27	9	14	12	—	—	3	7	2	5
Okt.	6.6	13.9	8.7	9.5	0.5	20	17.3	2	100?	69	98	89	56	29	7.2	5.0	4.5	5.6	25	8	8	8	7	—	—	—	4	5	6
Nov.	4.4	8.8	6.0	6.3	−1.7	21	14.1	5	97	76	95	90	56	8	8.7	8.2	8.2	8.4	103	32	12	16	12	—	—	—	4	0	19
Dez.	−1.2	2.6	0.3	0.5	−6.6	31	8.1	10	90	74	87	84	43	27	8.5	7.0	7.5	7.7	48	14	6	11	10	6	—	—	6	2	19
Jahr	6.2	12.1	8.0	8.6	−8.5	II	26.3	VI	95	66	91	84	34	VII	6.6	6.1	5.8	6.2	898	32	XI	158	130	14	1	8	40	56	133

$\lambda = 7^\circ 41'$, $\beta = 46^\circ 45'$, $H_b = 1125^m$, $h_r = 1.4^m$.

Heiligenschwendi*) (Thun).

Beobachter: **Sanatorium.**

1913	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● ✱	●✱ ≥1.0	✱	▲	K	≡	helle	trübe
Jan.	0.6	4.1	0.9	1.8	−3.0	14	8.9	1	75	67	76	73	36	1	6.5	6.3	5.9	6.2	45	7	18	14	12	9	—	—	5	5	14
Febr.	−2.0	2.7	−0.9	−0.3	−8.4	23	9.0	11	72	63	75	70	35	10	4.0	3.1	3.2	3.4	36	20	2	6	5	6	—	—	1	13	5
März	2.6	7.5	4.0	4.5	−6.6	2	16.4	30	74	64	76	71	25	30	5.6	5.9	3.9	5.1	98	20	8.31	10	8	6	—	—	3	7	8
April	3.5	7.4	4.4	4.8	−9.6	14	19.1	30	84	71	85	80	42	16	7.0	7.5	5.6	6.7	87	23	1	17	12	8	—	—	4	4	12
Mai	8.4	12.6	8.6	9.5	1.2	5	22.8	31	83	69	84	79	45	27	5.5	7.3	6.0	6.3	84	19	10	15	15	5	1	4	3	4	13
Juni	11.1	14.0	11.4	11.7	5.8	26	21.4	3	88	77	89	85	48	10	5.6	7.9	6.6	6.7	181	25	19	15	15	—	2	1	1	2	13
Juli	10.5	13.7	10.9	11.2	6.4	8	21.0	29	91	78	91	87	48	2	6.8	7.0	7.3	7.0	175	22	15	20	19	—	1	2	0	1	14
Aug.	11.9	16.5	12.9	13.4	7.4	14	23.6	29	89	71	87	82	51	28	5.2	4.9	5.2	5.1	172	33	29	14	14	—	3	5	0	8	8
Sept.	8.9	13.8	10.2	10.7	4.0	11	20.4	4	94	78	94	89	54	2	5.1	5.5	4.8	5.1	124	31	10	15	13	—	1	3	5	4	3
Okt.	7.0	12.1	8.3	8.9	2.6	15	17.2	28	83	73	83	80	40	28	4.6	4.9	4.4	4.6	33	11	8	8	7	—	—	—	7	6	4
Nov.	3.8	6.8	4.5	4.8	0.0	26	12.2	1	88	82	86	85	42	20	6.8	7.3	6.2	6.8	120	24	13	18	17	10	—	—	4	2	12
Dez.	−1.2	1.9	−0.6	−0.1	−10.0	31	10.2	1.3	81	79	83	81	29	27	5.3	5.6	5.4	5.4	74	29	6	12	12	11	—	—	5	9	13
Jahr	5.4	9.4	6.2	6.7	−10.0	XII	23.6	VIII	84	73	84	80	25	III	5.7	6.1	5.4	5.7	1229	33	VIII	164	149	55	8	15	38	65	119

*) Heiligenschwendi. Die Abendbeobachtung geschieht um 8^{30}.

$\lambda = 6^\circ 38'$, $\beta = 46^\circ 59'$, $H_b =$ ca. 1077^m, $h_r = 1.5^m$.

La Brévine (Châtagne).

Beobachter: Frau **J. Matthey de l'Etang.**

1913	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	● ✱	●✱ ≥1.0	✱	▲	K	≡	helle	trübe
Jan.	−0.8	2.5	−0.5	0.2	−6.0	4	7.6	1	91	77	85	84	45	5	7.6	6.7	6.5	6.9	109	16	31	19	17	15	—	—	2	5	17
Febr.	−4.4	2.2	−3.0	−2.1	−14.6	25	8.4	10	81	63	72	72	27	10	3.6	3.4	1.9	3.0	53	20	1	6	6	6	—	—	1	17	4
März	0.1	5.5	0.2	1.5	−12.4	9	13.8	30	82	66	85	77	28	30	7.0	7.0	4.6	6.2	124	30	17	11	10	7	—	—	3	4	9
April	−0.9	7.1	2.7	3.3	−13.0	15	17.6	30	90	64	86	80	35	4	7.2	7.1	5.9	6.7	117	27	19	15	14	5	—	1	4	3	14
Mai	7.0	11.1	6.9	8.0	−2.6	6	20.8	30	83	64	82	76	39	8.27 29	5.4	7.0	4.6	5.7	100	16	10	17	17	4	3	3	3	5	6
Juni	10.0	13.0	10.0	10.8	4.2	6	21.0	16	82	68	83	78	33	10	6.6	8.1	6.7	7.1	100	17	4	16	14	—	—	—	5	1	15
Juli	8.7	13.2	9.7	10.3	1.4	1	23.8	14	89	66	84	80	38	13	6.1	7.0	6.5	6.5	175	42	30	16	13	—	2	3	4	4	14
Aug.	9.6	16.0	11.4	12.1	1.2	17	24.0	27.28 29	86	60	82	76	35	27	7.6	6.7	6.5	6.9	121	39	29	15	13	—	1	5	3	12	10
Sept.	6.6	14.1	8.2	9.3	−3.3	11	22.8	3	91	62	87	80	41	3	5.4	5.9	3.4	4.9	166	30	14	17	17	—	1	2	6	7	5
Okt.	5.4	12.3	5.7	7.3	−4.2	15	18.6	25	86	59	84	76	33	19	5.8	5.3	4.0	5.0	65	26	8	9	9	—	—	—	4	8	5
Nov.	2.8	6.2	3.5	4.0	−7.2	26	12.5	1	91	78	90	86	44	20	7.6	8.1	7.1	7.6	171	40	12	20	18	8	—	2	8	4	17
Dez.	−4.4	−0.6	−4.1	−3.3	−15.4	23	9.6	3	89	78	89	85	37	3	6.5	6.9	4.9	6.1	129	32	6	13	12	12	—	—	4	8	13
Jahr	3.5	8.6	4.2	5.1	−15.4	XII	24.0	VIII	87	67	84	79	27	II	6.4	6.6	5.2	6.1	1430	42	VII	174	160	57	7	16	47	78	129

$\lambda = 7°0', \beta = 47°9', H_b = 1173^m, h_r = 1.5^m$.

Mont Soleil (ob St. Imier).

Beobachter: **A. Mathys.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≧1.0	*	▲	K	≡	helle	trübe
Jan.	−0.3	2.2	0.3	0.6	−4.4	14	6.7	1	87	73	83	81	39	1.25	7.5	7.7	6.9	7.4	138	23	23	18	16	14	—	—	6	5	19
Febr.	−3.0	1.7	−2.0	−1.4	−11.0	19	7.9	11	75	60	71	69	20	10	5.6	4.8	2.7	4.4	56	17	2	7	7	7	—	—	1	9	6
März	1.0	5.6	1.9	2.6	−8.0	18	14.2	30	79	59	79	72	35	12	8.0	7.9	4.2	6.7	110	24	17	10	9	7	—	—	5	1	11
April	2.6	7.0	2.8	3.8	−9.0	12	18.2	30	84	60	84	76	37	16	8.1	8.5	6.3	7.6	95	20	19	15	12	7	—	2	4	1	15
Mai	7.6	12.1	7.0	8.4	0.2	4	23.3	31	79	58	81	72	40	27	6.0	7.3	5.2	6.2	109	21	10	17	15	6	1	1	6	4	10
Juni	10.0	13.9	9.5	10.7	4.2	6	21.3	3	80	60	85	75	30	10	7.0	8.2	7.3	7.5	73	13	4	16	13	—	—	2	8	1	15
Juli	9.6	12.9	9.4	10.3	4.8	8.9	21.5	30	84	66	86	79	47	2	7.5	8.4	6.9	7.6	168	29	23	19	17	—	—	2	8	2	19
Aug.	11.1	15.6	11.4	12.4	5.9	10	23.4	29	82	61	82	75	44	5	5.8	6.6	4.8	5.7	101	21	20	14	13	—	—	2	3	5	10
Sept.	8.8	13.7	8.6	10.0	4.1	10	21.5	3	90	66	88	81	51	3	6.3	7.1	4.7	6.0	91	23	14	15	14	—	—	1	4	4	9
Okt.	6.9	11.4	7.1	8.1	0.5	14	16.2	2	80	62	81	74	26	15	7.3	6.7	4.8	6.3	61	29	8	11	5	—	—	—	3	5	11
Nov.	3.0	5.7	3.7	4.0	−2.7	25	12.3	2	91	79	87	85	42	20	8.6	8.4	7.3	8.1	177	43	12	20	19	9	—	—	11	2	19
Dez.	−2.2	0.4	−2.3	−1.6	−11.1	31	9.5	1	80	70	81	77	26	3	7.1	7.1	6.3	6.8	106	30	6	17	12	16	—	—	11	7	17
Jahr	4.6	8.5	4.8	5.7	−11.1	XII	23.4	VIII	83	64	82	76	20	II	7.1	7.4	5.6	6.7	1285	43	XI	179	152	66	1	10	70	46	161

$\lambda = 7°4', \beta = 46°39', H_b = 727^m, h_r = 1.5^m$.

Marsens.

Beobachter: **A. Charrière.**

Jan.	−0.5	3.1	0.5	1.0	−8.4	10	6.2	31	87	75	85	82	58	14	7.2	6.5	7.2	7.0	86	18	18	16	13	9	—	—	5	5	15
Febr.	−3.3	2.6	−0.8	−0.6	−9.2	19	7.0	13	78	61	73	71	30	26	4.3	3.3	2.0	3.2	33	13	2	5	4	3	—	1	0	14	5
März	1.4	8.5	3.6	4.3	−6.2	19	15.6	30	79	58	75	70	32	17	6.5	6.5	4.1	5.7	143	31	17	10	10	6	—	—	1	6	9
April	3.8	10.2	6.2	6.6	−10.2	13	19.6	30	83	59	75	72	32	16	7.2	7.3	6.8	7.1	73	22	17	12	10	4	—	5	1	4	16
Mai	8.7	14.7	10.0	10.8	1.8	5	23.6	27	84	55	74	71	33	20	5.4	7.0	6.0	6.1	111	19	1	17	12	1	—	4	0	3	10
Juni	12.5	17.8	13.2	14.2	8.2	23. 26	23.4	16	80	55	75	70	37	10	6.4	6.8	6.9	6.7	132	24	25	17	14	—	1	4	0	4	15
Juli	11.5	17.3	12.8	13.6	7.8	9	23.8	29	84	56	75	72	28	2	6.4	7.7	7.0	7.0	137	18	5	19	16	—	—	5	0	3	15
Aug.	12.1	18.7	14.0	14.7	6.8	16	24.8	29	87	58	76	74	41	11	5.3	5.8	4.4	5.2	87	22	29	12	11	—	1	3	1	9	8
Sept.	9.0	15.6	10.6	11.5	3.6	24	22.8	4	89	66	83	79	36	3	6.6	6.2	5.1	6.0	91	19	14	18	16	—	—	3	4	2	6
Okt.	5.6	13.1	7.5	8.4	0.2	19	16.2	2.24	89	65	86	80	47	29	6.8	5.8	4.7	5.8	38	12	6	7	7	—	—	—	1	6	10
Nov.	4.2	8.3	5.2	5.7	−2.2	21.30	13.8	2	87	73	85	82	56	1	8.5	8.3	7.4	8.1	188	45	12	18	17	—	—	—	1	2	22
Dez.	−1.6	2.5	−1.1	−0.3	−10.2	23	8.6	1	81	71	81	78	33	27	7.1	6.0	5.8	6.3	78	19	6	11	10	9	—	—	1	7	13
Jahr	5.3	11.0	6.8	7.5	−10.2	IV XII	24.8	VIII	84	63	79	75	28	VII	6.5	6.4	5.6	6.2	1197	45	XI	162	140	32	2	25	15	65	144

$\lambda = 6°55', \beta = 46°41', H_b = 764^m, h_r = 1.5^m$.

Romont.

Beobachter: **Couvent des Capucins.**

Jan.	−0.3	2.6	0.7	0.9	−5.3	10	6.2	31	94	84	92	90	51	1	7.6	6.6	8.0	7.4	90	14	18	14	14	8	—	—	9	3	18
Febr.	−3.0	2.0	−0.6	−0.5	−9.4	19	7.0	11	86	75	79	80	47	26	6.2	2.7	3.1	4.0	36	10	1	6	6	6	—	1	1	10	4
März	2.6	7.3	4.3	4.6	−4.0	9.19	15.4	30	90	78	85	84	50	16	5.6	5.5	4.0	5.0	149	32	17	9	9	5	—	—	2	9	9
April	4.2	9.6	6.5	6.7	−6.9	14	18.0	30	94	72	85	83	45	16	6.9	6.0	7.1	6.7	74	14	19	12	11	3	—	1	1	4	15
Mai	9.1	14.6	10.5	11.2	1.8	6	23.0	31	89	64	77	77	45	27	4.9	5.5	5.8	5.4	109	23	17	12	11	3	1	5	0	5	10
Juni	12.6	17.6	13.6	14.4	7.2	23	23.0	16	86	63	80	76	45	10	5.3	6.3	6.8	6.1	78	14	3	17	13	—	1	3	1	3	10
Juli	11.8	17.0	13.2	13.8	8.2	9	23.0	28	89	63	80	78	41	2	6.3	6.3	7.4	6.7	94	18	10	19	16	—	—	1	0	6	16
Aug.	12.7	18.3	14.5	15.0	8.2	16	23.8	5	92	63	81	79	46	2.5	4.4	3.9	5.0	4.4	59	10	29	13	11	—	—	2	1	10	5
Sept.	9.7	15.1	10.9	11.7	5.0	19	21.2	3	96	74	92	87	56	2	7.1	5.2	5.3	5.8	84	23	14	20	13	—	—	1	12	2	6
Okt.	6.5	11.9	7.8	8.5	1.8	19	15.4	24	96	75	96	89	55	12	6.6	5.8	4.2	5.5	44	14	8	10	8	—	—	—	5	6	10
Nov.	4.4	7.5	5.3	5.6	−0.8	26	13.2	1.3	95	81	95	90	54	1	8.3	7.6	7.2	7.7	163	53	12	19	15	2	—	1	3	1	17
Dez.	−0.9	2.2	−1.1	−0.2	−6.8	30	6.8	3	89	82	90	87	52	27	7.2	6.8	6.5	6.8	55	17	6	11	9	9	—	—	3	7	18
Jahr	5.8	10.5	7.1	7.6	−9.4	II	23.8	VIII	91	73	86	83	41	VII	6.4	5.7	5.9	6.0	1035	53	XI	162	136	36	2	15	38	66	138

$\lambda = 7°56', \beta = 46°7', H = \text{ca. } 1800^m, h_r = 1.5^m$.

Saas-Fee.

Beobachter: **A. Imseng.**

Jan.	−6.1	−1.9	−5.4	−4.7	−11.7	13	2.8	6	64	53	58	58	28	27	5.5	4.6	4.8	5.0	58	14	21. 22	9	9	9	—	—	0	7	8
Febr.	−7.4	−0.1	−6.2	−5.0	−15.0	18	4.8	5	53	40	53	49	23	9	2.5	1.9	1.9	2.1	11	5*	2	3	3	3	—	—	0	19	1
März	−2.4	3.4	−1.3	−0.4	−9.8	1	8.0	11	56	44	57	52	22	19	4.3	4.2	3.8	4.1	87	50	31	6	5	4	—	—	0	13	7
April	−0.7	4.4	0.2	1.0	−13.6	14	12.0	29	63	44	59	55	26	14	5.7	6.0	5.5	5.7	85	20	4	9	8	7	—	—	1	4	9
Mai	4.4	9.8	4.9	6.0	−3.0	5	18.3	25	62	41	58	54	23	20	5.3	5.2	4.5	5.0	108	35	1	10	9	4	—	1	0	8	9
Juni	8.4	13.3	8.4	9.6	2.6	7	18.0	16	63	40	56	53	25	8	4.5	4.6	3.7	4.3	45	14	20	8	5	—	—	—	0	10	6
Juli	7.8	13.3	7.7	9.1	3.6	8.10	22.4	30	67	40	65	57	21	13	4.8	4.4	5.1	4.8	44	11	31	16	12	—	—	—	0	6	5
Aug.	9.3	15.4	9.7	11.0	5.0	16	22.0	29	67	39	59	55	23	23	3.5	3.7	3.5	3.6	30	10	13	11	7	—	—	—	1	11	3
Sept.	6.2	12.0	6.7	7.9	1.8	11	19.4	3	68	43	68	60	22	11	4.1	4.4	3.8	4.1	91	24	16	12	11	—	—	—	1	10	4
Okt.	4.3	10.2	4.3	5.8	0.4	13. 16	15.5	19	61	41	62	55	16	14	4.2	4.2	3.5	4.0	172	81	28	9	8	—	—	—	0	13	6
Nov.	−0.4	3.3	−0.4	0.5	−8.5	26	9.0	1	71	55	68	65	29	30	6.6	6.0	5.4	6.0	41	11	25	10	8	9	—	—	0	5	13
Dez.	−6.8	−3.6	−6.3	−5.8	−18.2	31	3.8	3	56	49	59	55	21	27	2.3	3.6	3.4	3.1	43	19	6	4	4	4	—	—	1	15	1
Jahr	1.4	6.6	1.9	2.9	−18.2	XII	22.4	VII	63	44	60	56	16	X	4.4	4.4	4.1	4.3	815	81	X	107	89	40	—	1	4	121	72

Grächen.

$\lambda = 7°51', \beta = 46°12', H_b = \text{ca. } 1629^m, h_r = 1.5^m$. Beobachter: **B. Sarbach.**

1913	Luft-Temperatur							Relative Feuchtigkeit						Bewölkung				Niederschlag		Zahl der Tage						
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum Tag	●	●* ≥1.0	*	▲	⛆	≡	helle	trübe
Jan.	−3.1	0.6	−2.7	−2.0	−8.4	22	5.0	30	—	—	—	—	—	—	5.7	5.2	5.2	5.4	34	7 23	9	8	9	—	—	0	8	10
Febr.	−4.6	0.6	−3.6	−2.8	−11.5	18	8.0	10	—	—	—	—	—	—	2.6	2.2	1.5	2.1	6	3 2	2	2	2	—	—	2	18	2
März	−0.2	5.3	0.8	1.7	−6.9	1	11.2	12	—	—	—	—	—	—	4.7	4.4	3.8	4.3	44	27 31	5	3	3	—	—	0	10	6
April	1.1	5.5	1.1	2.2	−11.1	14	14.0	29	—	—	—	—	—	—	5.9	4.4	5.0	5.1	57	17 4	10	8	8	—	—	0	7	8
Mai	7.0	10.9	6.7	7.8	−2.7	5	19.5	27	—	—	—	—	—	—	4.3	4.6	4.7	4.5	61	23 1	11	8	4	1	—	0	8	8
Juni	11.2	15.1	10.9	12.1	5.6	27	26.0	20	—	—	—	—	—	—	4.6	4.7	4.3	4.5	33	9 20	10	8	—	—	—	1	7	3
Juli	9.9	14.1	10.1	11.0	4.4	10.11	21.6	14	—	—	—	—	—	—	5.2	5.2	5.0	5.1	27	6 31	11	9	—	—	—	3	4	7
Aug.	11.4	16.0	12.1	12.9	6.0	9.10	21.9	29	—	—	—	—	—	—	3.9	4.1	4.0	4.0	17	5 12	7	6	—	—	—	1	9	6
Sept.	8.3	12.7	8.8	9.7	2.0	11	20.0	3.4	—	—	—	—	—	—	4.6	4.2	4.1	4.3	36	15 10	11	8	—	—	1	1	9	0
Okt.	5.9	10.6	6.3	7.3	2.0	13	16.4	25	—	—	—	—	—	—	3.6	4.4	3.4	3.8	62	22 29	7	7	—	—	—	0	15	5
Nov.	1.0	5.6	1.1	2.2	−5.2	26	11.2	20	—	—	—	—	—	—	6.8	6.7	4.8	6.1	23	6 24	10	6	6	—	—	0	5	10
Dez.	−4.0	−0.3	−3.9	−3.1	−14.6	31	7.5	1	—	—	—	—	—	—	3.2	3.5	3.8	3.5	22	11 6	4	3	4	—	—	0	16	3
Jahr	3.6	8.1	4.0	4.9	−14.6	XII	26.0	VI	—	—	—	—	—	—	4.6	4.5	4.1	4.4	422	27 III	97	76	36	1	1	8	116	68

Zermatt.

$\lambda = 7°45', \beta = 46°8', H_b = 1610^m, h_r = 0.8^m$. Beobachter: **B. Zurbriggen.**

Jan.	−5.4	0.7	−4.7	−3.5	−10.2	22	5.6	26	68	46	65	60	23	14	3.9	3.7	2.8	3.5	59	14	22.23	9	8	9	—	—	0	14	6
Febr.	−6.5	3.0	−6.1	−3.9	−13.8	18	8.8	11	57	28	55	47	16	23	2.4	1.6	1.4	1.8	1	1	2	2	1	2	—	—	1	19	1
März	−1.7	7.6	−0.5	1.2	−9.8	2	14.0	11.14	59	32	58	50	14	19	3.7	3.9	3.9	3.8	88	53	31	8	7	6	—	—	0	13	6
April	1.2	8.1	2.6	3.1	−13.6	13	19.0	28	54	31	59	48	15	6.28	4.6	4.6	5.0	4.7	76	47	4	9	8	5	—	—	5	11	7
Mai	4.8	13.7	6.0	7.6	−1.4	12	22.0	26	60	28	61	50	11	20	3.3	3.9	4.7	4.0	98	30	1.10	11	11	3	—	—	1	12	6
Juni	8.8	17.5	9.1	11.1	4.8	7	23.8	11.14	61	29	56	48	11	8	3.3	2.9	2.8	3.0	32	9	25	8	8	—	—	—	0	14	2
Juli	8.2	16.6	9.1	10.8	3.8	1	25.0	14.30	67	31	62	53	14	14	3.6	3.4	5.1	4.0	52	10	31	13	13	—	—	1	0	11	7
Aug.	8.3	18.9	10.2	11.9	3.6	11	25.0	28	75	32	61	66	16	15	3.0	2.7	3.4	3.0	38	7	30	12	11	—	—	1	1	17	5
Sept.	6.0	14.4	7.5	8.9	0.0	22.23	21.2	4.6	—	—	—	—	—	—	2.5	3.3	3.5	3.1	47	12	10	8	8	—	—	1	0	14	2
Okt.	3.8	12.7	5.3	6.8	−2.0	14	19.2	18	76	49	73	66	26	18.19	3.2	3.4	3.7	3.4	60	20	9	8	7	—	—	—	0	14	5
Nov.	−0.5	5.0	0.1	1.2	−8.4	26	10.0	1.2.3	84	61	80	75	40	10.19	4.1	4.8	4.3	4.4	38	13	24	8	8	6	—	—	0	9	4
Dez.	−7.0	−0.6	−6.2	−5.0	−18.0	31	6.0	3	74	55	76	68	30	15	1.4	2.5	3.0	2.3	49	25	6	3	3	3	—	—	0	20	3
Jahr	1.7	9.8	2.7	4.2	−18.0	XII	25.0	VII VIII	—	—	—	—	11	V. VI	3.3	3.4	3.6	3.4	638	53	III	99	93	34	—	3	8	168	54

Leukerbad.

$\lambda = 7°37', \beta = 46°23', H_b = 1415^m, h_r = 1.1^m$. Beobachter: Schw. **Sch. Z'graggen** u. **F. Keck.**

Jan.	−2.6	1.6	−1.7	−1.1	−7.4	22	5.2	29	79	60	75	71	38	1	6.8	6.2	5.6	6.2	142	28	21	10	10	9	—	—	1	7	12
Febr.	−4.3	2.2	−3.2	−2.0	−10.8	18	6.4	5.12	65	49	68	61	30	26	3.4	3.0	2.5	3.0	13	8	2	2	2	2	—	—	2	17	5
März	0.2	6.6	1.6	2.5	−7.0	2	10.8	30	70	47	66	61	32	30	6.3	6.3	4.2	5.6	38	18	15	6	6	3	—	—	1	6	8
April	1.6	7.4	2.3	3.4	−12.0	14	16.6	29	74	49	71	65	35	4	6.3	7.1	5.7	6.4	56	23	19	5	4	3	—	—	1	4	13
Mai	7.6	12.3	6.8	8.4	0.2	1	20.4	29	67	52	70	63	36	26	5.1	7.0	5.6	5.9	62	20	1	11	11	3	—	1	1	4	9
Juni	12.0	15.6	10.6	12.2	5.0	25	21.2	2.16	68	52	74	65	30	18	4.8	7.3	5.7	5.9	75	11	27	16	15	—	—	3	0	4	7
Juli	10.4	14.9	10.3	11.5	5.0	8	22.6	30	75	54	77	69	35	2	6.2	7.0	7.7	7.0	102	12	19	19	19	—	—	3	1	3	14
Aug.	10.9	16.6	12.2	13.0	7.0	9.10	23.6	27	82	54	71	69	32	27	5.1	6.8	4.2	5.4	64	10	6	13	12	—	1	5	1	2	9
Sept.	8.1	13.9	9.1	10.1	2.4	20	21.6	3	82	58	79	73	40	22	5.3	6.0	4.5	5.3	68	24	10	11	10	—	—	3	4	7	8
Okt.	5.9	12.6	7.2	8.2	0.8	14	16.6	26	73	52	71	65	25	20	4.2	4.5	2.8	3.8	20	7	29	5	4	—	—	—	3	11	5
Nov.	1.6	6.1	2.4	3.1	−3.2	26	11.4	12	85	66	81	77	38	30	7.1	7.8	5.6	6.8	124	19	13	13	12	9	—	—	4	4	15
Dez.	−3.4	0.7	−2.8	−2.1	−13.2	31	7.0	1	68	57	69	65	36	23	4.6	4.7	4.3	4.5	92	41	6	9	8	9	—	—	4	12	10
Jahr	4.0	9.2	4.6	5.6	−13.2	XII	23.6	VIII	74	54	73	67	25	X	5.4	6.1	5.5	5.5	856	41	XII	120	113	38	1	15	23	81	115

Airolo.

$\lambda = 8°36', \beta = 46°31', H_b = 1143^m, h_r = 0.8^m$. Beobachter: **J. Zimmermann.**

Jan.	−3.3	0.1	−2.9	−2.2	−8.0	14	6.2	26	76	69	77	74	49	21	6.0	6.3	4.7	5.7	65	22	23	12	9	12	—	—	0	7	9
Febr.	−3.5	2.6	−2.5	−1.5	−11.6	19	9.3	11	69	58	67	64	35	22	3.7	3.5	2.5	3.2	8	4	2	6	3	6	—	—	0	13	5
März	1.3	6.6	2.0	3.0	−5.3	2	14.8	6	75	62	74	70	33	5	6.9	6.2	6.0	6.4	215	62	31	11	10	8	—	—	0	4	14
April	3.3	8.3	3.3	4.5	−6.3	14	16.8	29	76	57	73	69	31	16	6.9	7.5	7.3	7.2	187	51	25	14	14	7	—	—	0	3	14
Mai	9.1	13.4	8.5	9.9	3.8	5	22.3	27	69	55	70	65	34	27	6.4	7.1	6.2	6.6	102	25	16	14	12	—	—	—	0	4	13
Juni	13.3	17.1	12.3	13.8	8.4	28	22.2	10	65	56	69	64	37	8	6.4	6.0	6.1	6.2	44	16	15	6	6	—	—	—	0	2	10
Juli	13.2	17.7	12.5	14.0	8.7	9	25.4	30	64	50	68	61	32	30	6.2	5.8	5.3	5.8	67	23	30	10	9	—	1	—	0	3	6
Aug.	13.4	19.4	13.2	14.8	8.3	10	25.4	27	72	53	73	66	32	5	4.8	5.1	4.4	4.8	99	42	29	11	9	—	—	—	0	9	7
Sept.	9.6	13.9	9.6	10.7	5.2	18	20.8	6	83	69	83	78	41	20	6.8	7.0	6.8	6.9	268	71	14	16	16	—	—	—	0	4	17
Okt.	5.9	10.7	6.8	7.6	2.0	15	15.1	12.25	84	70	82	79	35	12	5.5	5.8	6.0	5.8	420	96	28	14	14	—	—	—	0	11	16
Nov.	3.6	6.7	3.6	4.4	−0.4	26	10.6	2	76	66	76	73	37	30	6.4	7.1	5.6	6.4	182	79	12	10	10	2	—	—	0	3	12
Dez.	−0.7	1.4	−0.2	0.1	−7.8	31	10.2	1	66	62	65	64	39	14	4.0	4.9	3.7	4.2	42	21	5	6	5	5	—	—	0	11	5
Jahr	5.4	9.8	5.5	6.6	−11.6	II	25.4	VII VIII	73	61	73	69	31	IV	5.8	6.0	5.4	5.8	1699	96	X	130	117	40	1	—	0	74	128

$\lambda = 8°48'$, $\beta = 46°29'$, $H_b = 759^m$, $h_r = 0.7^m$.

Faido.

Beobachter: **E. Graf.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	●	●≧1.0	✶	▲	K	≡	helle	trübe
Jan.	−0.7	2.4	0.1	0.5	−4.2	11	9.2	26	—	—	—	—	—	—	5.0	4.9	5.2	5.0	28	12	23	8	7	7	—	—	4	9	7
Febr.	−0.5	4.4	1.1	1.5	−8.0	19	14.0	11	—	—	—	—	—	—	3.5	3.8	2.3	3.2	3	1	2	3	2	2	—	—	0	13	3
März	3.5	8.4	4.3	5.1	−3.8	3	15.5	30	—	—	—	—	—	—	7.1	5.9	5.5	6.2	188	51	17	13	10	2	—	—	1	6	14
April	5.9	10.3	6.9	7.5	−2.5	13	20.0	29	—	—	—	—	—	—	6.4	7.5	5.9	6.6	122	28	24	13	11	5	—	—	0	3	14
Mai	11.5	16.2	11.8	12.8	5.2	4	25.0	27	—	—	—	—	—	—	5.1	6.2	5.0	5.4	86	28	16	11	11	—	—	—	0	8	12
Juni	15.8	20.4	15.8	16.9	10.6	7	25.6	11.13/14	—	—	—	—	—	—	5.8	5.3	4.8	5.3	53	15	4	10	8	—	—	—	0	8	8
Juli	15.7	20.4	16.2	17.1	9.8	11	27.0	29.30	—	—	—	—	—	—	4.9	5.8	5.1	5.3	49	18	15	9	8	—	—	—	1	4	6
Aug.	15.7	21.7	16.6	18.0	11.2	9	27.4	4	—	—	—	—	—	—	4.1	4.8	3.9	4.3	61	42	29	9	9	—	—	—	0	13	8
Sept.	11.9	15.7	12.5	13.2	7.8	18	22.3	4	—	—	—	—	—	—	6.2	7.4	7.6	7.1	302	96	14	12	12	—	—	—	1	2	14
Okt.	7.9	11.9	8.9	9.4	4.2	18.21	16.8	12	—	—	—	—	—	—	5.5	5.7	5.9	5.7	356	90	28	14	14	—	—	—	1	11	16
Nov.	5.8	9.2	6.6	7.0	2.4	26	14.4	29	—	—	—	—	—	—	5.6	6.8	5.3	5.9	171	100	12	9	9	2	—	—	0	7	11
Dez.	2.3	4.2	2.6	2.9	3.8	31	11.0	2	—	—	—	—	—	—	2.8	4.0	3.0	3.3	23	15	5	3	3	3	—	—	0	17	5
Jahr	7.9	12.1	8.6	9.3	−8.0	II	27.4	VIII	—	—	—	—	—	—	5.2	5.7	5.0	5.3	1442	100	XI	114	104	21	—	?	8	101	118

$\lambda = 8°56'$, $\beta = 46°28'$, $H_b = 544.1^m$, $h_r = 1.6^m$.

Comprovasco (Acquarossa).

Beobachter: Frl. **E. Gianella.**

Jan.	−1.0	3.9	0.3	0.9	−5.1	10	11.2	24	—	—	—	—	—	—	5.9	5.2	4.6	5.2	22	8	23	7	6	7	—	—	1	10	10
Febr.	0.1	7.0	3.3	3.4	−5.5	23	15.9	4	—	—	—	—	—	—	4.7	3.2	2.6	3.5	4	2	27	4	1	4	—	—	0	13	5
März	3.1	10.3	5.3	6.0	−5.1	3	16.9	30	—	—	—	—	—	—	6.5	6.3	4.5	5.8	162	42	31	11	11	1	—	—	0	6	10
April	5.8	12.9	8.0	8.7	−1.3	16	21.8	29	—	—	—	—	—	—	6.7	7.6	4.3	6.2	154	35	1	14	11	2	—	—	0	4	9
Mai	10.2	18.0	12.5	13.3	4.1	21	25.7	27	—	—	—	—	—	—	6.0	6.9	4.0	5.6	76	31	16	11	8	—	—	—	0	5	9
Juni	14.9	22.6	16.4	17.6	8.9	8	27.8	2	—	—	—	—	—	—	5.5	5.2	4.0	4.9	69	16	20	10	8	—	—	—	0	5	5
Juli	13.5	22.3	16.2	17.1	9.3	11	28.1	30	—	—	—	—	—	—	5.0	5.6	4.9	5.2	84	32	15	11	10	—	—	1	0	4	5
Aug.	13.8	23.4	16.7	17.7	8.9	16	28.9	25	—	—	—	—	—	—	4.4	5.2	3.9	4.5	84	25	29	8	8	—	—	—	0	9	7
Sept.	10.8	17.8	12.8	13.5	5.9	23	24.1	4	—	—	—	—	—	—	6.5	7.0	5.9	6.5	239	37	17	15	13	—	—	—	0	5	9
Okt.	7.4	14.0	9.3	10.0	2.6	17	19.3	12	—	—	—	—	—	—	5.6	5.6	5.2	5.5	284	76	28	14	13	—	—	—	0	10	15
Nov.	5.4	11.7	6.7	7.6	0.3	26	17.9	28	—	—	—	—	—	—	5.3	7.1	4.3	5.6	83	20	12	9	7	—	—	—	0	5	7
Dez.	2.1	6.4	2.7	3.5	−4.5	24	16.1	2	—	—	—	—	—	—	3.0	3.5	1.9	2.8	14	8	5	4	3	3	—	—	0	16	3
Jahr	7.2	14.2	9.2	9.9	−5.5	II	28.9	VIII	—	—	—	—	—	—	5.4	5.7	4.3	5.1	1275	76	X	118	99	17	—	1	1	92	94

$\lambda = 9°7'$, $\beta = 46°18'$, $H_b = $ ca. 1332^m, $h_r = 1.5^m$.

Braggio.

Beobachter: **C. Berera.**

Jan.	−2.4	1.9	−1.6	−1.0	−6.5	11	9.1	24	76	67	76	73	40	24	4.4	5.1	4.7	4.7	22	9	20	7	6	7	—	—	5	9	7
Febr.	−2.9	2.6	−1.5	−0.8	−11.5	19	10.5	4	67	59	64	63	33	13	3.7	3.6	3.4	3.6	9	4	27	4	2	4	—	—	2	14	7
März	1.4	6.5	2.1	3.0	−4.5	3	13.1	11	76	64	78	73	32	1	6.0	6.4	4.7	5.7	181	39	31	12	11	7	—	1	2	7	11
April	2.4	7.1	3.2	4.0	−8.3	13	15.9	29	77	66	77	73	32	15	5.9	7.4	5.4	6.2	199	34	1	14	13	8	—	—	5	5	12
Mai	7.1	11.9	8.0	8.8	0.9	5	20.7	27.29	77	64	75	72	40	7	5.9	6.9	4.7	5.8	144	30	10.16	13	12	1	—	2	1	6	9
Juni	11.5	16.7	12.3	13.2	6.1	6	23.7	11	73	59	71	68	36	30	5.4	5.2	4.4	5.0	133	33	6	10	9	—	—	6	1	7	7
Juli	10.6	16.5	12.3	12.9	5.7	10	22.3	30	74	57	72	67	40	1	4.4	5.5	4.6	4.8	152	52	15	13	13	—	2	3	1	8	6
Aug.	11.7	17.9	13.1	13.9	6.0	9	22.3	24.25/26	80	65	78	74	41	22	4.8	5.5	3.7	4.7	113	24	30	11	9	—	—	1	5	7	5
Sept.	8.9	13.3	9.8	10.5	4.3	11	21.3	4	86	76	84	82	42	11	5.7	7.4	6.4	6.5	153	20	16	14	13	—	—	1	9	4	13
Okt.	6.0	11.2	7.3	8.0	1.5	14	15.9	25	83	75	84	81	42	13	5.6	6.0	5.8	5.8	311	88	8	14	14	—	—	2	7	9	15
Nov.	3.5	8.0	4.3	5.0	−1.1	26	14.1	30	75	64	74	71	31	30	5.0	5.8	4.7	5.2	97	30	13	10	9	5	—	1	5	10	10
Dez.	−0.2	4.2	0.2	1.1	−9.3	31	12.9	1	58	51	58	56	33	22	2.6	3.0	3.1	2.9	15	7	4	4	3	4	—	—	0	16	3
Jahr	5.0	9.8	5.9	6.7	−11.5	II	23.7	VI	75	64	74	71	31	XI	4.9	5.7	4.6	5.1	1529	88	X	126	114	36	2	17	43	102	105

$\lambda = 8°59'$, $\beta = 46°1'$, $H = 910^m$, $h_r = 1.5^m$.

Monte Brè (ob Lugano).

Beobachter: **G. Buzzi.**

Jan.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Febr.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
März	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	5.0	8.1	5.0	5.8	−5.5	13	16.2	29	—	—	—	—	—	—	5.8	6.8	6.2	6.3	269	54	25	18	16	3	1	1	4	5	12
Mai	10.2	13.2	10.8	11.3	4.0	5	22.0	30	—	—	—	—	—	—	4.2	5.6	4.5	4.8	145	39	17	12	12	—	—	—	0	10	8
Juni	15.3	17.9	15.7	16.1	11.0	7	24.2	11	—	—	—	—	—	—	4.0	3.4	3.4	3.6	85	23	25	6	6	—	1	5	0	10	3
Juli	14.2	17.4	15.2	15.4	8.2	11	22.1	30	—	—	—	—	—	—	4.0	3.4	4.3	3.9	178	42	7	12	12	—	—	4	0	10	6
Aug.	14.9	18.4	16.0	16.3	9.0	9	22.0	4	—	—	—	—	—	—	4.5	4.0	3.0	3.8	192	62	5	12	12	—	—	4	3	12	4
Sept.	11.9	14.6	12.7	13.0	8.2	29.30	23.0	3	—	—	—	—	—	—	6.0	6.8	5.2	6.0	158	34	16	14	14	—	—	1	0	7	13
Okt.	9.1	11.4	9.3	9.8	4.3	15	15.2	25	—	—	—	—	—	—	5.4	5.5	4.8	5.2	313	97	8	14	14	—	—	2	3	10	12
Nov.	6.5	8.7	6.2	6.9	1.4	24	14.3	29	—	—	—	—	—	—	4.4	5.6	3.8	4.6	48	14	23	9	9	—	—	—	2	10	7
Dez.	3.0	5.1	2.7	3.4	−4.0	31	12.3	1.15	—	—	—	—	—	—	2.9	2.9	2.3	2.7	18	10	4	4	4	3	—	—	3	21	5
Jahr	—	—	—	—	—	—	24.2	VI	—	—	—	—	—	—	—	—	—	—	—	97	X	—	—	—	2	17	—	—	—

$\lambda = 9°31', \beta = 46°20', H_b = 699.7^m, h_r = 1.8^m$.

Castasegna.

Beobachter: **A. Garbald.**

1913	Luft-Temperatur								Relative Feuchtigkeit						Bewölkung				Niederschlag			Zahl der Tage							
	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	Maximum	Tag	7^{30}	1^{30}	9^{30}	Mittel	Minimum	Tag	7^{30}	1^{30}	9^{30}	Mitt.	Summe	Maximum	Tag	●	●* ≥1.0	*	▲	⊼	≡	helle	trübe
Jan.	−0.1	2.3	0.5	0.8	−4.7	10	8.0	26	65	60	64	63	29	13.14	5.1	5.5	4.4	5.0	—	—	—	—	—	—	—	—	—	7	7
Febr.	0.3	5.1	1.9	2.3	−7.3	19	13.4	11	57	43	54	51	19	13	3.6	3.7	3.2	3.5	—	—	—	—	—	—	—	—	—	14	6
März	3.9	9.0	4.9	5.7	−3.8	3	14.7	30	68	49	70	62	22	1.9.10	5.9	6.1	4.9	5.6	—	—	—	—	—	—	—	—	—	8	13
April	6.4	11.5	7.4	8.2	−2.3	14	20.0	21	64	50	66	60	19	16	5.0	6.7	5.0	5.6	—	—	—	—	—	—	—	—	—	5	8
Mai	11.9	16.3	11.8	12.9	5.0	5	24.7	28	60	44	64	56	20	21	5.4	6.4	4.4	5.4	—	—	—	—	—	—	—	—	—	5	9
Juni	15.8	21.1	15.8	17.2	8.0	4	28.0	12	54	42	56	51	22	11	5.5	5.8	4.9	5.4	—	—	—	—	—	—	—	—	—	5	8
Juli	15.8	20.7	15.8	17.0	9.3	8.10	26.2	20	55	42	56	51	22	1	4.9	6.0	5.4	5.4	—	—	—	—	—	—	—	—	—	5	6
Aug.	15.9	21.2	16.3	17.4	9.4	9	25.7	25	64	48	66	59	25	16	3.5	5.3	4.7	4.5	—	—	—	—	—	—	—	—	—	10	6
Sept.	12.7	16.7	12.8	13.8	9.0	18	22.8	4	75	57	77	70	26	11. 21	5.3	7.7	6.9	6.6	—	—	—	—	—	—	—	—	—	3	14
Okt.	8.5	13.2	9.4	10.1	4.0	15	17.6	13	81	63	81	75	28	13	5.6	6.0	5.5	5.7	—	—	—	—	—	—	—	—	—	9	14
Nov.	6.4	10.0	7.2	7.7	1.8	8	14.9	29	66	53	64	61	22	27	6.3	6.8	5.0	6.0	—	—	—	—	—	—	—	—	—	4	11
Dez.	3.0	4.6	3.0	3.4	−3.6	31	12.8	16	47	43	47	46	21	8.14 31	3.7	4.6	4.0	4.1	—	—	—	—	—	—	—	—	—	11	5
Jahr	8.4	12.6	8.9	9.7	−7.3	II	28.0	VI	63	50	64	59	19	II.IV	5.0	5.9	4.9	5.2	—	—	—	—	—	—	—	—	—	86	107

$\lambda = 9°54', \beta = 46°30', H = 1805^m, h_r = 2.2^m$.

Pontresina.

Beobachter: **C. Hosang. L. Schmid.**

Jan.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	14	23	10	6	10	—	—	0	—	—
Febr.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	3	2	7	3	7	—	—	0	—	—
März	−4.2	3.6	−1.8	−1.1	−16.3	2	8.9	30	—	—	—	—	—	—	3.9	4.8	3.8	4.2	50	13	18	8	8	8	—	—	0	9	4
April	−1.7	4.4	−0.6	0.4	−15.0	14	13.1	29	—	—	—	—	—	—	5.1	5.1	4.2	4.8	78	24	1	11	8	8	—	—	0	5	4
Mai	4.1	9.5	4.3	5.6	−2.0	5	19.7	26	—	—	—	—	—	—	5.0	5.4	5.2	5.2	65	15	16	14	14	6	—	—	0	4	5
Juni	8.2	13.4	8.4	9.6	3.4	22	18.5	17	—	—	—	—	—	—	4.3	4.9	4.8	4.7	83	21	6	12	10	1	—	—	0	5	2
Juli	6.4	12.1	8.2	8.7	1.1	8	20.3	14	—	—	—	—	—	—	5.3	5.9	5.8	5.7	94	38	8	14	12	1	—	—	0	1	5
Aug.	5.5	14.4	9.4	9.6	0.8	8	20.0	27	—	—	—	—	—	—	5.1	5.9	5.2	5.4	96	22	6	13	9	1	—	—	4	5	8
Sept.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	90*	23	14	13*	9*	1*	—	—	4*	—	—
Okt.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	95*	—	—	9*	10*	1*	—	—	2*	—	—
Nov.	−2.9	3.1	−1.5	−0.7	−10.3	26	9.1	2	—	—	—	—	—	—	6.8	6.2	6.2	6.4	98	27	12	13	10	11	—	—	1	6	13
Dez.	−7.9	−1.8	−7.7	−6.3	−19.5	31	3.8	2	—	—	—	—	—	—	6.3	4.9	3.5	4.9	23	6	5	5	5	5	—	—	0	7	9
Jahr	—	—	—	—	−19.5	XII	20.3	VII	—	—	—	—	—	—	—	—	—	—	808	38	VII	129	104	60	—	?	11	—	—

$\lambda = 7°2', \beta = 46°13', H_b = 1253^m, h_r = 1.5^m$.

Dailly.

Beobachter: **Intendance du Fort.**

Jan.	0.6	2.8	1.3	1.5	−4.5	14	7.8	1	—	—	—	—	—	—	6.6	6.1	5.4	6.0	44	8	21	12	10	8	—	—	0	6	14
Febr.	−1.5	2.0	−0.7	−0.2	−7.8	17	11.0	11	—	—	—	—	—	—	3.4	3.4	1.8	2.9	25	8	1	5	5	5	—	—	1	16	4
März	2.4	6.7	3.9	4.2	−5.9	9	13.3	30	—	—	—	—	—	—	5.9	5.3	4.7	5.3	129	28	8	11	9	6	—	—	1	9	10
April	2.4	6.5	3.9	4.2	−10.8	13.14	18.8	30	—	—	—	—	—	—	6.3	6.3	5.9	6.2	67	16	12	13	8	6	—	—	2	6	15
Mai	7.1	10.9	8.1	8.5	−1.5	5	21.8	31	—	—	—	—	—	—	5.5	6.3	5.1	5.7	64	17	10	13	8	3	—	4	3	8	11
Juni	10.0	13.7	11.2	11.5	2.9	26	20.6	16	—	—	—	—	—	—	6.0	6.4	6.2	6.2	136	30	25	15	13	—	—	3	1	5	15
Juli	9.4	13.0	10.7	10.9	1.9	9	23.8	14	—	—	—	—	—	—	5.7	6.1	5.9	5.9	142	25	30	19	17	—	—	1	3	6	11
Aug.	11.4	15.7	12.4	13.0	6.5	10	23.8	28	—	—	—	—	—	—	5.1	4.9	4.5	4.8	110	25	20	13	12	—	—	2	1	11	7
Sept.	9.0	13.0	10.5	10.8	3.6	11	22.0	3	—	—	—	—	—	—	4.2	5.6	4.3	4.7	97	27	10	16	15	—	—	1	5	8	6
Okt.	8.3	12.1	9.1	9.6	2.1	14	18.6	26	—	—	—	—	—	—	4.1	4.3	4.3	4.2	41	15	8	7	7	—	—	0	2	13	6
Nov.	3.7	6.3	4.4	4.7	−1.9	27	12.6	2	—	—	—	—	—	—	7.3	7.1	6.0	6.8	123	35	13	16	13	6	—	1	1	2	16
Dez.	−0.7	2.6	−0.3	0.3	−10.5	31	12.9	1	—	—	—	—	—	—	5.0	4.3	4.8	4.7	73	18	6	12	12	10	—	—	2	11	8
Jahr	5.2	8.8	6.3	6.6	−10.8	13.IV	23.8	VII VIII	—	—	—	—	—	—	5.4	5.5	4.9	5.3	1051	35	XI	152	129	44	—	12	22	101	123

$\lambda = 7°2', \beta = 46°13', H_b = 679^m, h_r = 1.5^m$.

Savatan.

Beobachter: **Intendance du Fort.**

Jan.	1.5	3.5	2.3	2.4	−3.6	10	8.6	31	72	68	79	73	26	—	6.0	6.5	6.2	6.2	51	10	18	13	10	5	—	—	3	5	11
Febr.	−0.3	3.0	1.7	1.5	−6.8	19.23	7.8	7	67	60	64	64	27	—	2.8	3.6	2.5	3.0	31	17	2	5	5	1	—	—	1	15	3
März	4.6	9.5	6.6	6.8	−4.2	5	19.0	30	62	52	61	58	15	—	6.1	5.4	4.1	5.2	106	28	17	9	9	3	—	—	—	8	10
April	5.2	10.2	7.5	7.6	−7.6	14	22.4	30	76	56	66	66	23	—	6.2	6.4	5.0	5.8	56	14	17	8	7	1	—	—	—	6	10
Mai	9.5	14.6	12.0	12.0	0.6	5	25.2	29	76	58	60	65	30	—	4.9	5.6	4.6	5.0	72	22	10	14	11	—	—	4	1	8	7
Juni	12.2	17.3	14.7	14.7	5.2	26	27.0	10	79	59	67	68	35	—	4.8	5.4	5.7	5.3	121	24	25	15	12	—	—	3	—	8	14
Juli	11.9	16.8	14.3	14.3	4.6	9	25.2	29	81	63	65	70	35	—	5.6	6.4	6.0	6.0	132	19	30	17	17	—	—	1	—	5	11
Aug.	13.5	18.2	16.4	16.1	8.2	10	25.0	28.29	81	65	66	71	43	—	4.9	5.6	4.5	5.0	105	29	20	12	11	—	—	2	2	8	9
Sept.	11.0	15.1	12.9	13.0	5.6	11	23.2	3.4	83	70	76	76	36	—	5.0	6.3	4.0	5.1	90	23	10	15	15	—	—	1	—	7	6
Okt.	9.5	13.1	11.5	11.4	3.2	15	21.2	28	73	68	67	69	26	—	4.8	4.5	3.3	4.2	35	15	8	8	6	—	—	—	—	12	6
Nov.	6.0	8.7	7.1	7.3	−0.2	25	18.2	10	77	68	75	73	30	—	6.7	6.8	5.2	6.2	131	34	13	15	13	5	—	1	—	4	13
Dez.	0.1	2.5	1.3	1.3	−7.4	31	10.8	28	71	65	72	69	32	—	5.7	4.7	4.6	5.0	60	18	6	10	10	5	—	—	—	9	10
Jahr	7.1	11.1	9.1	9.1	−7.6	IV	27.0	VI	75	63	68	69	15	—	5.3	5.6	4.6	5.2	990	34	XI	141	126	20	—	12	7	95	110

Fünftägige Temperaturmittel von 15 Normalstationen.

1913	Basel	Neuenburg	Genf	Bern	Zürich	Altstätten	Altdorf	Lugano	Sitten	Chaumont	Bevers	Rigi-Kulm	Pilatus-Kulm	St. Gotthard	Säntis
1.–5. Januar	1.24	0.04	−0.67	−1.62	−1.90	−2.84	0.78	2.12	2.24	3.28	−8.00	0.72	−1.22	−3.12	−4.38
6.–10. »	−0.66	−0.72	0.72	−1.40	−1.66	−2.48	0.26	1.94	1.96	2.20	−10.84	−1.16	−2.54	−5.28	−6.06
11.–15. »	1.76	1.72	3.60	0.72	0.06	−1.10	3.18	1.66	2.32	−0.94	−8.40	−4.74	−6.54	−7.34	−9.32
16.–20. »	4.80	3.78	5.65	2.64	3.18	0.98	3.52	2.22	1.60	−0.60	−7.60	−4.18	−6.34	−6.86	−9.44
21.–25. »	5.20	3.18	3.78	2.94	3.84	2.68	2.86	3.14	0.60	−0.26	−6.84	−3.46	−5.34	−5.40	−8.02
26.–30. »	2.70	2.90	4.59	2.14	1.36	1.00	3.48	2.62	2.96	1.12	−4.48	−1.34	−2.82	−5.34	−6.08
31.–4. Februar	6.34	4.84	6.09	4.02	4.88	4.92	4.66	2.00	3.16	0.18	−5.70	−2.98	−4.94	−6.22	−7.32
5.–9. »	4.62	1.42	1.73	1.32	2.74	2.28	2.00	3.78	2.22	1.46	−7.32	−1.64	−5.24	−4.14	−6.10
10.–14. »	2.46	3.46	3.04	1.60	2.06	1.40	1.38	6.48	2.58	2.22	−5.66	−3.04	−3.48	−4.42	−7.32
15.–19. »	−1.34	−1.68	−0.45	−3.48	−2.78	−4.02	−0.12	−0.60	−0.30	−6.32	−12.76	−8.20	−9.00	−12.12	−12.70
20.–24. »	−0.92	−0.28	−0.02	−1.90	−1.08	−2.96	−1.30	1.84	0.92	−3.04	−10.10	−4.96	−6.32	−7.66	−9.10
25.–1. März	2.66	1.88	2.03	1.08	1.70	0.92	2.30	3.36	2.90	−0.84	−7.26	−3.70	−5.58	−7.54	−7.80
2.–6. »	5.64	3.86	4.69	2.94	4.42	3.28	3.10	3.68	4.78	1.90	−5.12	−0.46	−2.14	−2.70	−5.68
7.–11. »	5.70	4.38	5.32	3.72	5.30	3.94	4.18	7.32	5.14	2.44	−2.32	−1.52	−3.30	−3.98	−6.90
12.–16. »	8.38	8.54	9.32	7.30	8.12	8.12	7.86	7.72	9.48	5.80	−0.60	2.00	0.10	−0.68	−3.76
17.–21. »	7.66	6.66	7.49	6.06	6.78	7.10	7.56	7.00	7.56	2.52	−2.08	−0.70	−2.48	−4.92	−6.10
22.–26. »	8.10	6.42	6.87	5.08	7.48	8.30	9.82	8.34	9.34	2.58	1.38	0.74	−1.28	−2.68	−3.72
27.–31. »	8.96	9.12	9.35	9.36	12.10	14.88	13.90	10.30	11.92	7.40	1.72	3.88	2.24	−1.00	−1.42
1.–5. April	7.24	7.44	7.24	6.08	6.90	7.32	7.70	7.98	8.02	3.00	−0.10	−0.88	−2.48	−3.88	−5.18
6.–10. »	6.80	7.28	7.61	6.04	6.50	6.98	7.60	9.78	8.66	2.26	−0.60	−2.01	−3.92	−3.64	−5.74
11.–15. »	2.46	2.00	3.22	0.78	0.80	0.80	0.96	6.58	2.66	−3.74	−7.12	−8.90	−9.64	−11.94	−14.14
16.–20. »	9.28	7.84	9.40	8.04	8.46	7.94	8.06	10.28	8.52	3.24	−0.02	−1.20	−2.98	−2.42	−5.38
21.–25. »	12.78	11.56	12.16	11.02	11.82	12.20	11.98	12.34	13.44	8.86	4.34	4.20	1.26	1.60	0.02
26.–30. »	16.16	15.22	15.15	15.08	16.24	15.74	16.20	14.30	16.70	11.96	6.30	7.48	5.34	4.42	2.32
1.–5. Mai	8.84	7.94	7.74	6.62	8.06	9.66	9.80	11.94	9.50	2.72	2.40	−0.26	−1.66	−1.72	−4.26
6.–10. »	11.26	10.84	10.34	10.50	10.80	11.28	10.68	14.50	12.40	6.86	4.62	2.78	0.68	1.48	−1.76
11.–15. »	12.78	12.54	11.89	12.34	12.16	12.82	13.36	13.98	13.78	8.94	4.88	4.22	2.12	−0.04	−0.80
16.–20. »	12.90	12.46	12.25	11.70	12.40	12.64	13.64	12.92	14.30	7.14	5.28	3.08	1.14	−0.04	−1.66
21.–25. »	14.18	14.56	14.00	13.48	13.58	12.82	12.80	14.94	16.04	9.44	6.42	4.40	3.08	2.16	−1.12
26.–30. »	20.64	19.14	18.90	19.06	19.64	19.30	19.28	20.38	19.60	15.92	10.94	11.56	8.74	7.94	5.12
31.–4. Juni	19.10	19.10	17.72	19.38	19.52	21.28	20.78	20.86	19.54	13.92	12.58	13.06	10.94	8.06	7.06
5.–9. »	16.14	15.52	15.33	14.50	14.80	14.90	14.84	18.16	16.72	10.44	8.64	6.48	4.28	3.90	1.64
10.–14. »	16.86	18.14	18.20	16.98	16.48	16.68	17.28	22.54	19.70	12.22	12.06	7.12	6.14	5.86	2.08
15.–19. »	20.52	19.42	18.89	19.12	19.34	19.00	19.02	20.48	20.60	16.06	12.04	11.84	9.86	9.60	6.62
20.–24. »	14.64	14.32	15.32	13.14	13.54	13.52	14.36	19.60	16.16	10.32	8.04	5.10	3.02	3.34	0.48
25.–29. »	13.52	13.36	14.60	12.14	11.82	11.10	14.40	19.82	14.66	8.12	5.82	2.60	0.88	0.78	−1.84
30.–4. Juli	14.88	16.14	15.93	14.78	14.48	14.36	14.78	19.62	17.28	9.42	7.74	5.84	3.42	3.52	−0.54
5.–9. »	14.16	13.30	14.75	12.64	13.34	13.02	13.92	16.94	15.62	8.66	6.92	4.42	2.42	3.04	−0.78
10.–14. »	16.22	15.58	15.29	14.86	14.94	15.36	14.84	18.86	16.00	11.58	8.16	7.54	4.94	4.94	1.74
15.–19. »	15.60	15.10	16.20	14.68	14.20	14.30	14.84	20.46	16.94	10.22	8.46	6.02	4.36	4.42	1.14
20.–24. »	14.36	13.94	15.77	13.42	14.10	13.84	14.56	20.40	15.94	9.74	8.68	4.84	3.26	3.90	−0.28
25.–29. »	18.66	18.34	17.64	18.08	17.98	17.30	17.02	22.08	18.94	14.62	10.60	10.12	7.78	8.32	4.24
30.–3. August	18.50	19.06	17.42	17.52	17.68	18.32	17.82	21.90	18.66	14.92	12.62	10.72	8.72	8.66	5.40
4.–8. »	16.90	16.90	17.42	16.50	16.16	15.72	16.48	19.68	17.82	12.12	9.78	8.18	6.48	6.86	2.98
9.–13. »	14.60	14.22	15.36	13.92	13.90	14.08	14.02	17.48	15.44	9.58	7.42	5.34	3.72	11.12	0.58
14.–18. »	14.44	14.78	14.39	14.02	14.04	13.54	13.72	18.96	16.26	11.62	7.56	6.40	4.68	4.62	0.56
19.–23. »	16.88	16.90	17.37	16.52	16.80	16.66	16.56	20.16	17.70	12.86	10.08	9.40	8.56	7.28	4.42
24.–28. »	18.54	18.98	19.58	18.22	18.26	17.70	17.76	21.88	20.20	16.76	11.60	13.12	11.76	11.20	7.06

1913	Basel	Neuenburg	Genf	Bern	Zürich	Altstätten	Altdorf	Lugano	Sitten	Chaumont	Bevers	Rigi-Kulm	Pilatus-Kulm	St. Gotthard	Säntis
29.–2. September	18.82	18.26	19.28	18.24	18.84	17.82	17.98	20.12	19.26	14.72	11.26	12.00	9.52	9.58	6.70
3.–7. »	17.68	17.56	17.67	17.02	17.72	17.64	17.18	19.08	17.86	14.32	10.50	11.04	9.44	8.98	6.06
8.–12. »	14.22	13.56	15.25	12.74	13.16	13.10	13.54	16.96	14.98	10.58	8.14	8.02	6.34	4.74	2.92
13.–17. »	13.96	13.18	13.38	12.36	13.56	13.72	14.50	15.76	14.04	8.70	7.28	6.06	4.38	2.94	1.92
18.–22. »	11.96	11.50	11.60	10.50	11.84	11.70	11.88	14.12	11.74	7.36	5.30	3.46	1.38	1.04	−1.40
23.–27. »	12.02	11.54	12.04	10.62	10.58	10.80	10.68	14.98	12.26	9.38	5.02	6.78	6.38	4.38	1.50
28.–2. Oktober	12.60	12.32	12.63	11.58	11.26	11.62	12.92	13.66	13.72	10.12	5.66	7.02	6.00	2.18	2.24
3.–7. »	13.40	11.94	12.54	11.52	12.50	13.14	12.88	14.04	12.90	8.84	6.02	6.40	4.58	2.74	1.10
8.–12. »	11.28	10.20	10.11	9.32	10.82	12.44	11.72	13.74	11.20	7.36	3.78	4.00	3.22	1.82	−0.70
13.–17. »	8.18	8.66	9.20	7.04	7.60	8.14	8.40	9.72	8.60	4.84	2.72	4.12	3.80	2.40	0.66
18.–22. »	9.98	8.00	8.00	7.12	7.46	8.26	9.98	10.48	10.04	9.40	3.48	8.14	7.82	3.56	4.82
23.–27. »	12.54	10.46	10.44	10.62	11.44	11.50	13.60	12.00	14.08	10.94	5.24	8.88	8.00	4.08	3.66
28.–1. November	12.08	10.08	10.70	9.70	10.72	14.42	14.58	12.24	13.04	9.42	4.16	6.66	5.30	1.78	1.80
2.–6. »	11.42	10.76	12.05	10.10	10.88	9.94	10.00	10.90	9.58	7.34	1.94	3.16	1.88	0.70	−1.74
7.–11. »	9.04	7.08	7.85	6.40	7.32	7.28	9.44	8.80	8.04	4.04	−0.98	1.58	−0.42	−2.40	−3.84
12.–16. »	8.88	7.42	8.41	6.72	7.82	7.54	8.32	9.66	8.28	2.80	1.24	−0.52	−1.98	−1.60	−4.68
17.–21. »	8.08	7.10	6.88	6.20	6.80	4.60	6.30	7.84	6.28	3.96	−2.14	2.26	0.30	−0.90	−2.56
22.–26. »	5.80	4.62	5.40	3.88	4.52	3.66	5.24	7.06	5.44	2.08	−2.46	−1.14	−2.02	−3.64	−5.16
27.–1. Dezember	6.40	5.20	3.86	3.32	5.82	3.64	3.90	8.32	4.38	4.86	−1.92	1.22	0.14	−2.08	−3.58
2.–6. »	4.34	4.06	3.41	1.90	3.58	2.78	3.46	5.02	2.80	1.94	−4.22	−0.96	−2.30	−4.28	−6.26
7.–11. »	2.88	3.30	4.02	1.82	2.42	1.26	2.94	6.00	3.20	0.16	−3.46	−4.40	−4.78	−5.88	−8.54
12.–16. »	4.90	3.78	2.91	2.40	3.92	3.50	3.92	6.44	2.88	−0.30	−4.50	−3.88	−4.62	−5.70	−7.84
17.–21. »	0.46	−0.24	0.58	−1.48	−1.26	−1.90	0.20	2.22	0.18	−2.88	−11.44	−5.10	−6.94	−7.22	−8.60
22.–26. »	0.46	−0.78	−1.30	−3.36	−0.88	−2.34	−1.12	2.10	−1.06	−1.52	−9.90	−3.98	−5.90	−6.26	−8.32
27.–31. »	0.98	0.56	1.26	−0.66	0.90	0.62	0.94	2.62	−0.62	−4.78	−8.90	−8.28	−10.82	−11.36	−13.76

Anmerkung: Den Pentadenmitteln von Genf liegen die aus den acht 3stündigen Zeitintervallen gebildeten Tagesmittel zugrunde, denjenigen der übrigen Stationen dagegen die aus den bezüglichen Terminablesungen (ohne Reduktion) gebildeten rohen Mittel.

Minima. Januar 1913. **Maxima.**

Tag	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	-4.4	-5.6	-2.2	-3.4	-1.4	-3.6	-16.6	-5.7	-3.5	-0.2	3.4	0.3	-0.4	3.2	2.5	-4.0	-2.9	5.7
2	-4.4	-5.6	-0.9	-3.2	-0.7	-2.4	-14.0	-5.7	-3.0	3.4	5.5	3.1	3.8	5.0	4.7	0.3	-3.4	5.5
3	-2.7	-3.1	-0.8	-2.0	0.4	-1.7	-13.2	-5.9	-1.8	1.2	1.7	1.5	1.0	6.1	4.1	-1.7	-4.0	5.5
4	-4.0	-5.0	-1.3	-1.6	-1.4	-1.7	-14.4	-4.9	-1.8	-2.0	-1.0	0.5	1.0	2.5	0.3	-4.0	-3.4	6.0
5	-3.8	-4.9	-2.3	-1.5	-1.7	-1.8	-14.7	-6.0	-0.5	-2.1	-0.8	-0.3	1.0	2.7	6.4	-0.8	-3.3	6.2
6	-4.9	-5.9	-2.9	-2.0	-0.9	-1.6	-15.4	-5.7	0.2	-0.7	2.4	1.0	1.2	4.0	1.0	-3.3	-3.6	7.6
7	-1.4	-5.8	-0.4	0.2	1.0	-1.2	-14.9	-6.1	-0.5	6.2	6.0	5.3	7.0	8.2	5.5	-5.0	-4.3	6.2
8	-2.3	-1.5	-2.2	-1.0	-1.9	-1.2	-16.1	-6.4	-2.2	-0.5	-0.4	0.2	3.0	2.0	1.7	-6.0	-3.9	6.7
9	-3.1	-3.4	-2.9	-0.6	-1.7	-1.3	-16.3	-7.4	-3.2	-1.5	-1.7	-1.0	2.4	1.0	0.5	-5.5	-5.9	4.5
10	-3.7	-5.0	-3.4	-1.2	-2.0	-2.2	-18.7	-9.7	-3.2	-2.2	-1.0	-2.0	2.0	-0.7	0.7	-3.6	-6.6	1.5
11	-2.9	-5.5	-2.7	0.1	-1.4	-2.1	-11.7	-9.0	-2.8	2.0	5.8	6.1	8.5	0.5	3.7	0.5	-6.7	4.0
12	-1.4	-1.5	0.5	2.4	-0.6	0.0	-9.2	-12.3	-1.0	5.4	5.4	5.3	9.0	6.2	7.2	0.0	-6.1	10.5
13	-1.4	-1.3	-0.2	1.0	0.2	0.0	-18.4	-13.6	-1.0	4.0	5.6	4.7	8.0	4.0	3.9	-2.9	-10.9	7.6
14	-3.3	-3.0	-2.2	-0.5	0.6	-1.9	-20.7	-13.2	-4.0	3.3	0.5	1.0	3.8	3.3	8.7	-4.7	-7.3	4.4
15	-4.9	-3.4	-1.8	-0.1	-0.1	-1.8	-15.8	-8.9	-3.0	1.4	2.4	0.7	3.4	2.3	5.7	-1.9	-6.4	3.2
16	-2.7	-2.7	-0.4	1.2	1.6	-1.1	-12.9	-10.2	0.2	4.7	6.5	4.3	9.0	5.0	3.2	-1.2	-8.0	5.0
17	1.1	-0.6	1.4	4.0	3.0	-0.5	-17.4	-9.0	-1.5	7.5	7.8	9.2	11.5	8.3	8.7	-2.4	-7.2	4.8
18	3.0	2.0	2.1	4.0	3.9	1.9	-10.5	-9.7	0.0	5.8	5.9	5.6	8.0	7.3	5.7	-2.8	-8.1	5.6
19	0.6	0.5	1.5	3.1	3.6	1.6	-13.6	-11.6	-1.8	7.3	5.6	6.3	8.0	7.5	6.4	-2.7	-6.0	7.5
20	-0.3	-0.9	-0.2	1.5	2.3	1.2	-12.8	-11.6	-0.7	4.2	3.4	5.1	7.5	7.0	5.1	-4.3	-8.5	4.0
21	0.6	-0.5	2.0	3.0	3.8	0.5	-17.3	-10.6	-3.0	8.4	6.5	4.7	7.8	8.6	8.9	-1.5	-9.1	6.0
22	1.4	1.5	1.0	1.5	3.0	1.2	-12.2	-13.7	-2.8	3.1	3.4	3.1	6.0	5.1	4.3	-1.0	-10.3	10.0
23	-0.2	-1.4	0.0	0.2	0.6	-0.3	-15.4	-13.7	-2.7	6.8	6.3	5.5	6.6	9.5	1.9	-0.2	-5.4	9.0
24	1.4	-1.4	0.6	1.8	2.6	0.0	-12.2	-6.9	-1.6	8.6	7.2	8.3	8.0	9.0	5.7	1.7	-4.0	9.5
25	-0.3	-1.9	-1.1	-1.0	1.7	-2.6	-16.5	-7.0	-0.7	7.5	4.2	4.9	7.0	8.5	5.9	1.8	-4.1	8.5
26	1.0	-1.4	2.3	3.3	2.5	0.0	-9.5	-8.6	-1.5	7.1	6.5	8.6	13.0	6.7	6.5	4.7	-4.7	8.6
27	-0.9	-0.8	0.0	0.1	-1.5	1.8	-12.9	-11.9	-1.0	1.4	1.3	2.0	5.0	3.0	5.0	2.3	-5.2	4.5
28	0.7	-1.2	0.8	0.0	0.8	-0.1	-16.2	-8.3	0.5	7.3	6.4	5.7	5.0	7.5	6.1	3.0	-5.2	7.2
29	-1.1	0.5	1.8	3.8	1.1	0.3	-13.5	-6.0	1.8	2.3	6.3	5.0	6.0	3.2	6.9	1.3	-4.0	4.5
30	-2.6	-1.5	-0.4	3.5	-0.6	2.0	-7.5	-6.2	-0.2	0.6	3.4	2.6	6.2	2.5	5.3	-2.1	-4.9	1.5
31	0.7	-1.3	1.5	5.0	1.4	0.7	-8.9	-10.7	-1.2	8.5	8.4	8.7	10.0	11.0	7.7	-3.4	-3.4	1.0
Mittel	-1.5	-2.3	-0.4	0.7	0.6	-0.5	-14.2	-8.9	-1.5	3.5	4.0	3.7	5.8	5.2	4.8	-1.6	-5.8	5.9

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1	2.0	1.8	3.2	4.7	2.2	1.2	-15.7	-10.7	-4.4	7.8	10.5	7.8	10.0	8.5	11.3	0.2	-4.2	4.5
2	1.5	1.7	1.2	2.0	2.6	0.7	-9.9	-13.5	-0.5	9.1	5.0	5.0	9.0	13.0	5.9	-0.7	-5.4	3.8
3	2.3	0.4	0.1	1.8	3.7	0.0	-16.1	-13.3	-2.0	7.7	7.5	5.8	11.2	9.0	3.9	1.8	-7.0	10.5
4	2.4	-0.1	1.4	0.2	7.0	0.2	-12.9	-8.8	-1.8	11.0	9.3	8.2	8.9	9.9	9.7	1.5	-3.5	11.6
5	-1.6	-2.9	-2.0	-1.9	1.7	-1.7	-12.2	-4.1	-2.0	7.9	8.5	1.6	4.5	10.2	7.0	3.7	-2.0	8.0
6	0.2	-2.8	-1.0	-0.3	1.8	-1.5	-10.9	-7.6	-0.6	12.4	9.8	3.6	4.0	12.5	8.0	2.0	-4.5	9.0
7	0.3	-1.5	-0.6	-1.5	2.7	-1.2	-17.6	-8.3	-1.5	10.6	9.8	5.5	4.2	10.9	8.1	0.5	-4.5	7.0
8	0.5	-2.0	-0.6	-2.1	1.1	-1.8	-17.3	-10.7	-1.8	5.6	6.5	7.0	9.0	9.5	7.0	1.2	-4.4	13.5
9	-2.3	-3.5	-1.6	-0.5	-0.9	-1.6	-17.5	-10.3	1.0	0.8	1.4	5.1	7.2	7.5	5.7	-0.5	-4.1	13.0
10	-2.7	-3.9	-2.6	-3.2	-0.4	-2.5	-16.0	-4.1	-1.2	4.2	3.5	1.6	5.4	6.5	2.1	2.1	-0.6	11.0
11	-2.0	-3.4	-3.2	-3.8	-0.5	-2.1	-11.3	-8.6	0.0	7.9	10.4	10.4	9.5	9.5	5.2	6.2	-2.2	21.2
12	-0.3	-3.5	1.9	1.0	-0.3	-1.5	-14.6	-10.6	1.5	9.6	7.5	8.2	9.2	6.5	4.9	2.8	-6.0	12.5
13	-1.3	-1.5	1.1	-0.8	-2.3	-1.5	-10.5	-12.4	0.6	9.6	6.9	8.3	8.2	8.0	6.4	-0.8	-6.4	10.4
14	-1.2	-3.0	-1.2	-2.2	-0.2	-2.0	-11.8	-15.9	-0.4	6.9	7.5	7.7	8.0	6.4	5.9	-0.9	-9.9	16.4
15	-4.0	-4.0	-3.1	-1.0	-2.9	-1.6	-19.8	-14.8	-1.0	3.2	1.7	3.0	3.0	4.2	2.3	-4.6	-9.6	5.0
16	-6.0	-7.0	-5.9	-0.9	-3.8	-3.2	-21.4	-18.1	-5.0	3.1	2.1	3.0	3.5	3.2	10.0	-2.5	-9.6	5.5
17	-5.5	-7.0	-3.9	-2.1	-4.2	-2.0	-19.7	-18.5	-2.0	2.5	0.4	2.1	1.5	2.5	0.9	-7.2	-16.2	1.5
18	-7.0	-6.4	-4.9	-2.9	-5.3	-3.3	-20.9	-15.6	-4.4	1.7	0.8	1.0	1.5	1.6	4.0	-7.0	-10.1	3.0
19	-8.2	-8.9	-6.6	-3.8	-7.5	-5.0	-24.4	-11.2	-7.0	-0.8	-2.2	-1.0	3.0	0.7	-1.3	-3.7	-9.9	5.0
20	-7.7	-8.6	-6.9	-3.4	-4.3	-4.0	-14.0	-10.9	-4.5	5.6	5.5	4.8	4.6	3.5	3.2	-0.6	-8.4	4.0
21	-5.5	-8.6	-3.3	-1.2	-5.2	-4.1	-17.1	-10.2	-2.5	5.3	4.9	3.7	7.3	2.3	3.0	1.3	-6.8	7.4
22	-6.4	-5.4	-4.5	-2.0	-6.7	-3.6	-14.7	-13.0	-2.5	1.7	0.4	2.0	3.0	3.6	-0.1	-1.5	-10.1	10.6
23	-6.6	-6.5	-4.5	-4.0	-6.8	-5.1	-20.0	-13.3	-3.5	6.5	4.3	4.8	4.0	6.5	1.9	-3.2	-7.9	9.5
24	-7.2	-8.5	-6.7	-6.2	-2.9	-6.4	-20.7	-8.0	-3.8	9.5	8.0	5.9	5.2	8.5	4.0	-0.5	-3.4	9.5
25	-6.6	-8.3	-5.4	-5.7	-4.0	-5.7	-18.2	-5.4	-3.8	10.5	9.1	7.5	7.5	10.5	6.0	1.4	-3.4	11.2
26	-4.6	-6.4	-4.5	-4.6	-3.6	-5.0	-19.1	-9.3	-3.4	10.4	9.5	9.2	8.0	10.5	7.5	-0.8	-5.0	9.6
27	0.9	0.7	0.0	0.5	1.6	-3.7	-16.5	-8.9	-2.3	3.6	2.9	2.5	3.5	5.9	7.3	0.3	-5.9	9.0
28	1.3	0.4	1.2	0.5	2.6	0.4	-9.5	-10.6	-2.2	4.6	5.6	5.6	6.5	6.5	6.0	2.7	-7.5	10.7
Mittel	-2.7	-4.9	-2.2	-1.5	-1.2	-2.4	-16.0	-11.0	-2.2	6.4	5.6	5.0	6.1	7.1	5.2	-0.2	-6.4	9.1

Minima. März 1913. **Maxima.**

Tag	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	-2.1	-1.3	-0.4	0.7	0.0	1.5	-12.0	-11.8	-2.0	3.8	3.4	4.9	5.2	4.6	4.7	-0.6	-10.6	15.5
2	-4.9	-5.0	-4.5	-0.8	-2.8	-2.8	-20.0	-11.6	1.0	5.2	5.3	4.7	7.0	6.2	4.5	1.9	-7.0	6.6
3	-1.3	-4.5	-2.4	-2.1	0.3	-2.7	-17.5	-11.2	-4.0	10.9	8.8	7.5	9.0	10.4	7.5	2.6	-6.3	9.4
4	2.1	1.4	0.9	1.2	3.1	-2.4	-12.3	-9.0	-2.5	13.1	11.5	11.5	14.0	12.0	9.9	6.0	-4.4	10.5
5	-0.8	-1.4	-0.4	-0.1	2.9	-0.1	-10.4	-5.9	-1.5	13.6	12.4	11.7	10.0	12.0	10.5	7.7	-2.9	14.7
6	-1.0	-1.4	-0.7	-0.8	2.6	-0.5	-11.6	-3.3	-0.8	15.1	13.5	12.2	11.5	14.4	11.4	7.5	0.0	16.5
7	4.7	-1.1	2.5	2.3	3.1	-0.2	-8.7	-5.4	0.8	16.8	15.5	14.7	16.5	16.1	13.9	6.9	-2.3	17.6
8	-0.2	0.0	-0.1	-0.3	1.6	1.9	-3.8	-13.4	4.8	12.2	8.3	9.5	2.2	12.9	12.0	4.0	-4.2	14.0
9	-1.8	-2.1	-2.0	0.0	0.4	-0.2	-8.6	-15.4	5.4	6.0	8.4	5.6	6.0	6.0	10.5	-1.0	-12.8	11.0
10	-3.3	-4.1	-3.2	-3.0	-0.9	-2.6	-17.2	-13.4	-1.4	9.0	7.3	6.8	8.0	10.0	6.2	5.7	-3.6	11.4
11	-0.6	-2.6	-2.1	-2.0	1.0	-1.5	-5.9	-5.9	-1.3	15.1	15.0	11.7	12.2	14.5	10.5	9.1	-0.7	13.2
12	1.0	-1.8	0.5	0.0	2.6	-0.5	-7.5	-6.4	0.0	15.6	13.3	13.1	14.6	15.0	13.0	6.9	-1.5	14.4
13	1.3	0.4	1.4	3.6	4.3	1.0	-7.3	-4.8	1.3	15.6	14.5	13.3	15.8	14.3	13.3	7.5	-1.2	15.0
14	3.0	1.4	5.7	4.0	8.7	2.9	-8.3	-5.1	1.2	17.2	16.4	16.1	17.5	14.9	14.5	7.0	-1.4	16.5
15	4.2	3.1	6.5	7.0	4.3	2.2	-8.0	-8.4	3.4	14.5	12.8	12.6	16.0	13.5	13.5	7.8	-3.3	14.0
16	-0.5	-0.5	-0.2	1.0	0.5	2.4	-8.6	-8.3	2.5	15.3	15.7	15.0	15.5	13.2	13.0	4.4	-3.0	9.5
17	0.5	-0.6	2.5	2.6	1.3	2.6	-3.2	-6.3	2.5	17.8	15.9	14.1	14.6	17.6	15.4	4.1	-3.0	10.6
18	-2.0	-1.4	-0.1	-0.8	1.2	-0.4	-15.2	-14.8	2.5	7.2	5.7	6.8	6.2	5.6	4.8	0.0	-8.7	12.4
19	-3.4	-4.5	-2.0	-2.2	-1.4	-3.1	-21.4	-14.3	-0.5	9.5	9.8	9.0	10.1	12.8	8.9	-0.3	-4.5	13.5
20	8.6	7.2	7.3	7.2	10.3	-1.6	-10.0	-4.4	1.4	12.0	12.6	10.5	14.0	15.0	13.7	7.7	-1.2	12.0
21	7.6	6.9	8.0	6.5	9.5	5.1	-4.5	-2.9	1.5	10.8	9.8	9.5	13.0	14.6	11.9	5.3	-1.3	9.5
22	6.0	3.9	6.6	7.2	9.2	4.4	-0.4	-3.2	1.5	20.7	17.1	14.6	15.0	18.7	18.6	5.7	-0.7	8.9
23	5.3	4.0	4.4	3.0	6.1	4.6	0.2	-3.6	2.4	12.8	7.7	8.0	11.0	13.8	10.2	7.7	0.4	8.5
24	2.3	0.6	2.4	1.9	4.4	3.3	-2.5	-8.7	2.3	5.6	6.1	7.0	8.0	8.0	7.0	2.7	-3.7	15.0
25	2.3	0.9	3.0	5.0	2.8	2.4	-5.7	-8.8	5.2	10.4	7.0	7.5	9.2	10.0	12.4	5.9	-4.5	15.0
26	3.3	0.1	4.0	4.8	1.6	4.0	-4.7	-4.5	6.0	11.6	10.0	10.2	8.5	11.6	19.5	9.0	-0.3	13.0
27	3.6	1.5	4.2	6.0	6.6	5.4	-2.0	-7.7	6.0	13.9	12.6	12.0	15.0	12.0	11.6	0.8	-4.0	14.5
28	0.7	-0.2	0.1	1.5	3.6	1.7	-8.3	-8.0	4.5	17.5	15.2	13.0	12.0	17.1	15.7	5.9	-2.0	15.0
29	5.5	1.6	4.6	5.0	6.2	13.0	-5.6	-1.4	6.5	17.1	15.9	14.5	15.0	16.5	17.2	8.0	2.2	17.0
30	8.5	4.9	6.8	7.5	8.3	13.8	-2.5	-1.0	4.6	22.2	18.5	16.0	17.0	19.0	20.6	10.1	2.1	18.0
31	9.9	4.4	5.3	5.8	6.4	14.3	0.4	-1.7	8.5	22.5	19.5	17.1	14.5	18.0	18.5	7.7	2.1	13.0
Mittel	1.9	0.3	1.7	2.3	3.5	2.2	-8.2	-7.4	2.0	13.3	11.8	11.0	12.1	12.9	12.1	5.5	-3.0	13.0

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1	4.1	2.6	4.0	4.8	6.1	2.8	-1.0	-7.5	7.5	10.1	7.3	8.2	11.6	12.0	7.0	2.7	-2.1	9.5
2	3.0	1.6	2.4	3.0	5.0	2.5	-3.7	-9.9	5.4	6.7	8.2	9.5	10.0	9.1	7.8	-0.1	-7.3	13.4
3	2.9	1.6	2.9	2.0	4.4	3.4	-4.1	-8.6	4.4	12.3	12.5	11.4	10.0	11.0	12.3	6.4	-3.4	12.0
4	1.9	-0.4	3.0	2.0	3.7	2.3	-7.4	-5.3	4.5	20.2	16.4	14.7	13.0	15.5	16.5	7.0	-2.0	12.4
5	4.7	0.8	4.1	4.2	5.2	3.0	-3.8	-6.1	2.0	15.1	15.7	16.1	14.0	13.5	16.4	5.8	-2.2	12.4
6	1.9	1.6	1.5	2.8	2.0	6.4	-9.6	-5.9	5.0	17.0	15.6	15.3	15.0	15.7	15.2	5.0	-0.8	16.0
7	6.0	2.4	2.7	4.2	4.7	6.8	-6.5	-5.9	2.5	15.6	12.6	13.1	15.0	13.4	13.4	8.0	-1.4	17.5
8	3.3	3.6	4.8	5.0	3.9	6.3	-7.5	-6.7	5.5	6.9	6.7	9.5	11.0	7.9	9.7	8.6	-1.2	17.2
9	2.2	1.4	3.0	4.8	2.7	4.9	-2.5	-9.0	6.0	6.0	7.4	9.4	9.0	8.9	6.0	6.5	-4.5	14.2
10	0.7	0.1	0.3	3.5	1.7	4.2	-5.0	-10.1	2.8	10.0	9.7	11.0	13.0	10.2	8.6	3.7	-8.0	15.7
11	0.3	2.0	3.1	4.2	3.9	3.0	-4.1	-11.8	5.0	8.5	8.8	9.5	11.0	8.9	5.6	1.5	-9.4	16.6
12	-1.7	-3.9	-2.1	0.0	-0.7	-2.1	-7.2	-18.6	3.6	7.9	5.3	5.0	11.0	7.7	5.4	0.4	-7.9	12.5
13	-6.3	-7.9	-5.2	-2.0	-2.8	-4.4	-14.5	-19.9	2.5	4.4	1.4	3.3	3.8	3.6	2.3	-3.7	-14.5	9.9
14	-6.3	-7.6	-4.6	-2.0	-4.1	-5.8	-19.0	-18.8	-2.5	5.4	3.9	4.9	5.5	5.0	4.0	-4.0	-14.0	14.5
15	-4.5	-5.9	-3.4	-1.8	-2.3	-4.3	-15.5	-16.8	3.0	8.4	6.5	7.7	8.0	7.8	7.8	-1.5	-11.5	13.5
16	-3.3	-4.2	-3.1	-2.8	-1.6	-2.5	-16.2	-13.9	-1.5	14.8	13.6	12.7	15.0	14.3	11.8	4.7	-6.3	16.0
17	6.3	-0.5	5.1	7.5	7.6	-1.2	-5.2	-6.7	3.4	11.6	12.2	9.6	13.2	13.8	12.3	5.3	-2.5	12.2
18	3.5	3.1	4.4	5.1	4.6	4.7	-4.5	-8.7	6.2	13.5	11.4	10.8	14.0	12.7	10.6	2.5	-6.4	16.0
19	5.5	3.9	6.0	6.5	7.1	3.1	-10.2	-6.7	2.4	11.4	10.5	9.4	12.2	14.1	12.0	6.5	-2.0	16.5
20	4.1	7.0	7.4	8.0	8.3	4.9	-1.9	-5.0	2.5	13.8	12.9	13.2	16.0	14.6	12.5	10.9	-2.4	20.6
21	1.9	3.7	3.0	6.2	4.1	4.6	-4.3	-4.9	5.5	16.8	17.1	16.1	16.0	16.7	16.3	10.6	-0.6	19.5
22	5.5	5.9	7.0	9.0	9.0	6.2	-3.7	-1.4	10.4	20.8	18.7	17.1	17.5	19.8	18.5	11.2	1.6	18.0
23	6.1	7.1	8.1	10.0	8.6	8.0	0.5	-1.4	9.6	16.8	16.2	16.0	16.0	17.3	15.4	9.8	1.7	16.0
24	7.7	8.4	8.7	10.8	9.7	7.2	2.5	-1.8	9.8	18.1	16.9	16.6	19.0	16.8	12.3	9.9	2.8	18.5
25	8.7	7.9	6.0	8.2	9.0	8.3	0.8	-2.0	8.5	18.3	16.4	14.7	16.0	18.1	16.4	6.7	2.0	11.0
26	8.6	8.9	6.6	8.8	11.2	8.9	2.0	-0.7	8.5	19.8	17.7	17.3	17.0	17.0	18.0	12.6	2.7	19.0
27	7.5	6.4	7.1	9.0	8.3	9.1	-0.2	-0.1	9.0	24.5	21.8	21.5	23.0	22.0	22.7	11.6	3.7	20.6
28	11.1	7.7	9.6	10.1	10.4	8.3	-1.8	-0.1	9.4	22.5	21.9	21.3	24.0	22.4	22.3	13.0	3.5	21.0
29	11.3	9.9	9.8	10.2	11.8	13.8	-1.7	0.6	9.0	24.5	22.4	23.0	24.5	23.7	26.0	14.5	4.8	24.6
30	9.8	8.6	9.6	11.5	12.2	12.6	-1.3	0.9	9.5	26.5	23.5	23.5	22.8	24.7	24.9	14.1	5.1	21.6
Mittel	3.5	2.5	3.4	5.1	5.1	4.2	-5.2	-7.1	5.3	14.3	13.0	13.1	14.2	13.9	13.0	6.3	-2.7	16.0

Mai 1913.

Tag	Minima. Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Maxima. Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	4.8	3.7	4.4	2.8	5.8	7.5	2.0	−6.7	10.5	18.5	13.4	13.5	15.0	18.5	17.7	10.7	3.0	18.0
2	4.5	2.2	4.5	2.0	6.0	5.8	−0.6	−7.2	8.5	10.6	11.5	12.1	13.0	13.0	12.0	7.0	−3.7	18.0
3	3.7	1.9	2.6	3.0	4.6	6.3	−0.3	−6.5	8.2	13.6	12.4	13.5	13.2	13.5	12.9	8.5	−1.0	15.8
4	4.2	2.6	3.1	2.6	5.0	6.0	−3.0	−9.5	5.5	17.0	12.2	10.0	12.5	14.0	15.1	9.4	−0.5	18.4
5	3.3	2.9	3.3	3.0	4.1	5.4	−4.3	−9.1	9.0	10.5	10.0	12.8	12.5	11.1	12.0	4.3	−7.3	18.0
6	4.5	2.3	2.3	2.4	5.1	5.5	−3.6	−8.2	4.8	8.0	6.0	6.7	9.5	8.0	10.5	5.8	−4.3	19.5
7	3.2	3.5	4.4	4.8	6.3	5.0	−1.3	−7.6	6.8	13.7	13.7	14.2	17.0	13.5	12.5	7.3	−4.6	23.5
8	1.0	0.3	2.9	2.8	2.9	3.7	−5.7	−8.6	6.5	19.6	17.2	15.5	15.0	18.4	16.0	12.2	1.0	21.5
9	6.4	4.9	6.0	5.0	7.2	7.4	−0.6	−6.5	7.0	23.2	22.4	22.1	22.8	23.1	22.5	14.8	4.4	21.5
10	8.5	7.5	7.9	7.8	9.5	7.9	−1.0	−3.7	9.5	24.2	22.1	22.0	23.5	21.8	23.3	14.8	5.0	23.5
11	5.9	5.9	6.0	6.5	7.7	6.0	0.1	−6.6	9.2	10.8	13.6	12.7	14.2	14.5	10.5	11.3	−3.9	17.6
12	4.9	2.2	3.1	3.0	5.1	6.0	−0.3	−5.9	8.4	17.0	16.9	17.0	17.2	18.0	18.7	9.4	−0.9	19.5
13	4.7	4.0	5.5	7.8	6.7	5.6	−4.4	−3.9	8.0	19.5	19.7	19.5	17.0	19.8	20.0	12.4	1.9	21.5
14	6.9	7.5	9.5	10.2	8.7	7.9	1.8	−1.4	9.4	22.0	19.4	19.6	18.8	19.5	20.6	10.4	3.0	21.5
15	9.8	10.0	10.1	10.9	11.3	10.0	3.3	0.6	10.4	19.7	18.8	18.0	18.2	18.4	20.6	13.0	4.4	17.5
16	10.7	8.9	9.0	8.2	10.8	16.3	3.7	2.1	10.5	26.4	22.7	21.6	25.0	23.6	23.9	11.0	5.4	15.8
17	10.5	10.1	9.4	9.4	11.9	13.0	1.0	−1.3	9.0	21.8	19.3	19.0	20.0	20.5	23.0	10.6	3.3	16.5
18	8.9	9.2	9.4	10.2	11.1	9.5	2.4	−2.6	9.0	14.8	16.2	15.0	17.2	17.6	16.0	11.3	1.0	18.6
19	4.6	4.5	8.3	7.0	9.0	7.2	−1.0	−7.9	8.5	11.2	13.1	13.2	15.2	14.1	10.5	10.9	−2.7	18.2
20	4.0	3.5	3.1	3.0	5.1	5.3	−1.5	−8.4	8.5	16.1	14.3	15.4	15.0	15.0	14.7	6.8	−5.3	19.2
21	2.6	1.5	3.0	4.0	4.6	3.6	−4.9	−8.1	4.5	19.0	17.8	19.0	19.0	19.0	21.5	12.5	0.1	20.2
22	4.7	4.1	4.9	6.0	6.5	6.0	−3.8	−3.6	9.5	20.5	18.4	18.0	20.0	18.1	17.3	13.4	0.1	24.4
23	8.6	7.7	5.7	6.8	8.0	9.7	1.4	−4.6	10.4	15.7	17.8	18.1	18.5	15.9	14.3	9.9	−1.6	25.6
24	10.0	9.6	10.9	11.0	11.8	10.0	2.1	−1.4	9.3	19.0	19.4	20.8	20.1	19.8	15.7	11.3	−0.1	22.0
25	8.2	6.9	10.4	10.0	9.4	5.6	−2.3	−2.0	8.6	23.5	21.6	22.5	22.0	23.5	25.0	17.2	2.7	24.4
26	9.7	7.9	9.9	11.0	10.8	7.9	−0.7	1.5	9.8	26.5	25.4	25.5	27.5	25.5	24.9	19.5	6.4	25.5
27	13.0	10.9	10.9	12.0	13.9	10.2	0.9	3.6	11.8	28.1	26.1	27.0	29.0	27.5	24.5	19.5	6.6	26.5
28	13.3	12.1	11.9	13.2	14.6	11.9	4.4	1.4	12.8	24.8	24.2	23.3	26.8	25.1	22.0	15.4	4.7	29.5
29	11.0	10.9	11.0	10.0	13.5	10.0	0.7	1.6	13.0	28.5	25.9	26.3	25.2	28.2	30.5	19.0	8.9	28.6
30	12.9	12.4	12.6	15.6	15.1	12.5	1.6	4.5	13.5	28.9	25.4	26.7	29.2	27.9	27.8	18.0	9.6	27.0
31	12.2	12.3	12.9	15.0	15.5	14.8	6.2	4.7	13.8	28.9	26.5	28.0	28.0	26.0	30.9	19.2	9.9	28.0
Mittel	7.1	6.3	7.1	7.5	8.6	8.0	0.3	−3.4	9.2	19.4	18.2	18.3	19.3	19.1	18.9	12.1	1.5	21.5

Juni 1913.

Tag	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	12.0	11.6	13.0	12.9	14.3	11.5	5.7	4.6	13.4	28.1	23.5	22.6	21.0	21.4	28.3	17.0	8.0	29.5
2	12.7	11.0	13.0	11.5	13.2	13.6	1.8	4.7	13.4	24.3	22.5	24.5	24.0	21.5	24.7	20.6	10.5	30.6
3	15.9	10.9	12.9	13.2	16.6	13.4	5.9	5.4	13.5	29.6	25.6	28.1	24.5	26.2	29.0	19.1	10.4	29.5
4	12.6	13.4	12.0	12.2	15.1	13.4	1.3	3.0	13.5	26.0	20.3	22.6	18.4	22.0	21.7	20.1	10.1	28.0
5	11.2	9.1	12.0	10.0	13.1	10.5	4.8	1.7	12.2	25.0	20.6	20.9	20.3	23.0	25.8	15.3	7.9	25.5
6	8.8	9.8	9.6	9.7	12.1	11.2	3.2	−3.4	12.2	13.6	16.3	17.0	18.5	18.3	15.7	13.2	2.0	22.2
7	7.3	7.4	7.2	8.0	9.7	8.7	0.7	−4.6	11.2	19.4	18.1	19.7	18.5	17.9	20.4	10.0	−0.1	24.3
8	7.4	5.9	7.0	7.2	8.6	6.1	−2.2	−1.9	9.0	24.5	22.5	22.6	24.5	23.1	27.8	17.6	6.0	26.5
9	14.1	11.3	13.5	13.0	15.2	9.4	−0.4	1.3	11.5	18.8	20.3	22.0	24.2	21.5	18.3	18.0	3.7	28.8
10	13.2	10.9	10.2	10.0	11.6	11.4	3.0	0.9	14.0	26.0	24.3	25.2	26.5	24.0	28.3	19.4	7.0	28.5
11	13.4	13.8	15.0	13.5	15.5	10.5	3.7	−0.1	14.4	21.8	21.6	22.6	24.8	20.5	26.7	18.6	3.3	31.0
12	9.8	13.6	14.4	13.0	12.0	14.3	1.8	0.1	16.0	21.0	20.6	20.2	26.0	18.0	19.4	17.4	2.2	32.2
13	9.7	10.5	12.0	11.8	11.6	12.4	2.9	0.3	15.0	19.5	21.0	22.0	23.5	22.0	18.6	18.4	2.6	27.5
14	10.7	11.4	12.4	11.0	11.7	11.0	5.3	−0.7	12.7	22.6	21.5	22.5	21.8	22.8	24.0	18.3	4.7	29.0
15	7.3	8.0	9.6	11.8	9.5	13.6	4.4	2.4	16.3	25.3	24.6	25.4	22.3	25.6	27.3	19.5	8.6	25.5
16	9.9	10.8	12.2	13.0	13.2	12.9	4.0	4.4	15.5	28.2	27.5	29.0	25.2	28.0	27.7	20.2	8.2	25.5
17	11.7	10.9	12.3	14.0	15.3	12.7	1.4	4.8	15.9	29.8	28.4	27.0	30.2	28.5	26.4	20.3	9.4	27.0
18	13.9	11.5	12.4	13.0	14.6	13.4	4.5	4.5	17.0	28.9	27.7	28.5	29.5	27.0	26.5	19.4	10.4	28.6
19	14.8	13.3	14.0	14.8	16.2	15.5	6.3	2.7	14.9	25.5	24.3	24.4	24.2	25.0	22.6	16.7	6.7	27.0
20	9.9	10.6	10.4	11.0	11.8	14.8	6.6	0.9	14.8	17.2	17.9	16.2	19.0	18.5	17.8	16.3	6.0	22.7
21	9.4	9.1	8.9	9.0	10.1	11.3	1.8	−2.7	14.2	15.8	15.7	17.2	20.0	14.9	17.1	13.1	−1.5	27.4
22	9.4	9.1	8.8	9.8	10.8	9.7	0.3	−2.6	14.3	13.5	15.1	14.3	18.5	15.0	13.6	8.6	−1.4	26.8
23	10.0	6.2	7.7	7.6	9.8	10.2	1.9	−2.4	12.0	21.7	20.5	21.2	21.0	21.6	23.0	15.8	3.0	26.4
24	11.0	10.6	11.4	12.0	12.4	11.0	0.9	0.9	12.5	23.0	20.1	20.7	26.2	22.1	20.0	16.5	3.8	27.0
25	9.2	8.7	8.7	10.0	10.8	10.2	3.9	−3.8	13.8	14.0	13.5	14.2	16.0	17.6	14.1	12.4	0.7	24.5
26	8.7	7.9	7.6	9.0	10.0	8.9	1.7	−4.3	15.5	17.0	17.2	17.0	18.0	17.6	14.0	10.8	−1.9	25.7
27	9.4	7.6	8.1	8.2	10.0	9.7	0.5	−2.8	16.2	16.0	18.6	19.3	21.2	19.0	14.6	10.6	−1.1	27.4
28	8.0	8.6	9.5	10.8	10.5	7.3	0.4	−4.3	13.5	15.3	17.6	16.6	18.9	16.4	13.7	8.5	−2.1	23.6
29	10.4	8.9	9.9	11.8	11.2	7.8	2.3	−3.7	10.4	15.5	16.4	17.5	22.5	17.5	14.0	9.6	0.9	28.6
30	8.8	9.8	10.9	12.2	12.2	10.5	3.4	−3.1	17.0	20.3	19.6	21.0	21.5	18.1	16.6	11.4	−0.5	29.4
Mittel	10.7	10.7	10.9	11.2	12.3	11.2	2.6	0.0	13.9	21.6	20.8	21.4	22.4	21.2	21.3	15.8	4.3	27.2

Minima. Juli 1913. Maxima.

Tag	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	6.1	6.2	7.0	7.5	8.2	8.6	0.3	−3.2	10.5	21.6	19.4	23.5	21.4	20.5	21.5	11.7	−0.2	28.0
2	8.8	6.9	8.5	7.8	9.5	8.0	−2.5	−1.7	10.4	22.3	21.8	23.5	22.5	20.0	19.7	13.4	1.0	28.6
3	10.9	10.4	11.0	10.8	11.7	10.6	3.2	−0.5	12.6	19.2	18.2	20.3	19.5	18.5	17.3	13.4	3.1	24.6
4	8.9	10.9	10.5	12.3	11.0	12.0	3.5	−1.6	13.5	21.2	21.5	20.9	21.4	21.1	18.0	12.0	0.8	23.0
5	12.2	10.9	11.5	9.3	14.1	12.2	2.8	−0.8	11.6	20.8	16.8	16.7	23.0	19.8	18.5	16.8	2.4	26.8
6	12.6	12.2	12.2	13.4	14.2	13.0	5.9	0.4	13.0	18.2	18.3	18.0	20.5	19.5	18.4	13.4	2.2	19.0
7	11.8	10.6	10.5	12.0	12.6	12.5	4.2	−1.5	13.6	17.5	17.4	17.5	18.8	17.6	16.4	13.6	1.1	25.0
8	9.7	9.4	8.0	8.6	9.1	10.2	0.7	−3.3	12.5	15.5	16.9	18.1	19.8	16.1	14.8	7.5	−0.4	23.0
9	8.2	7.5	7.5	7.6	9.2	8.5	0.3	−4.7	10.6	17.3	15.0	15.9	17.8	16.0	17.0	8.3	−3.0	23.2
10	7.1	7.6	7.4	9.7	9.6	8.3	−2.0	−4.7	11.5	15.1	12.2	12.0	14.8	14.0	16.0	8.8	0.4	18.6
11	9.7	9.9	9.4	9.8	11.2	10.1	1.7	−3.0	9.0	14.7	16.0	17.1	18.2	16.4	14.2	10.2	0.2	24.0
12	10.5	8.5	7.7	7.6	9.6	10.5	3.6	−2.0	14.5	20.3	19.7	21.9	17.5	21.4	21.6	13.0	0.8	27.0
13	9.0	8.0	9.0	9.5	11.2	9.0	−0.6	−0.3	11.0	25.7	24.4	24.2	22.5	25.5	27.0	19.9	5.6	28.0
14	10.8	10.9	10.3	12.0	12.7	11.4	−0.3	3.7	12.4	28.3	26.7	25.0	29.5	27.0	30.1	19.8	10.0	27.9
15	11.9	12.9	12.5	13.2	14.6	13.8	−0.2	0.0	16.4	17.5	17.0	15.6	19.8	19.0	17.6	16.5	7.0	27.8
16	10.8	9.9	10.7	11.8	12.1	11.8	0.6	−2.5	11.5	17.1	17.3	18.2	18.8	18.5	17.2	15.3	−0.1	23.5
17	10.5	9.5	10.3	11.8	12.8	11.2	1.6	−1.2	11.5	14.6	17.5	19.1	19.0	18.1	14.5	11.0	0.7	27.5
18	9.8	8.4	9.9	9.5	11.6	11.5	4.0	0.1	12.2	21.8	21.0	20.3	21.5	20.2	19.6	14.3	2.7	29.2
19	13.1	11.9	12.6	14.6	13.7	12.3	6.3	1.6	13.5	21.0	21.5	21.0	25.5	19.9	20.4	15.5	3.3	30.0
20	11.0	12.2	12.0	11.8	14.0	13.4	6.0	−2.8	14.0	20.5	19.0	18.1	22.9	18.6	17.8	16.0	2.7	29.5
21	9.5	6.9	8.4	8.6	10.6	11.9	3.7	−2.1	16.0	21.4	21.3	22.1	21.4	19.0	19.5	14.9	1.4	28.6
22	11.7	9.5	9.1	9.0	12.4	13.0	4.6	−0.2	15.5	20.5	21.4	21.4	26.2	20.5	20.5	15.6	2.3	28.2
23	10.5	10.3	10.4	11.2	11.7	11.7	2.9	−2.2	12.0	15.4	14.5	15.2	21.1	14.2	14.0	12.5	−0.2	26.4
24	10.1	9.0	8.9	10.2	11.2	11.6	2.3	−2.0	10.5	15.9	13.9	14.7	16.8	16.0	15.2	9.6	−0.9	25.5
25	11.0	9.1	9.4	9.9	12.1	10.1	3.5	−0.9	11.8	22.8	20.4	21.1	20.6	21.1	22.0	15.9	2.2	27.5
26	9.6	8.5	9.6	10.3	10.6	10.3	0.9	1.0	14.0	25.5	23.7	23.0	27.5	24.1	21.9	16.0	5.9	28.4
27	12.2	11.9	11.9	12.3	13.6	12.0	0.8	3.2	13.5	27.1	25.2	24.5	23.5	25.5	22.0	18.5	7.2	30.2
28	10.9	11.4	11.0	11.9	13.7	12.7	1.6	3.2	13.6	26.0	26.3	25.1	24.8	24.8	21.6	17.7	7.3	30.2
29	12.2	11.7	12.0	13.8	13.7	11.6	0.6	3.2	13.6	27.7	26.7	26.8	25.3	26.1	23.5	19.0	7.8	30.5
30	11.9	11.6	13.5	13.8	12.6	12.6	3.7	4.0	14.0	25.6	24.1	25.3	26.5	24.5	26.0	21.6	10.8	30.5
31	12.9	14.0	14.4	14.0	15.9	14.4	6.5	3.1	14.2	25.2	22.0	20.0	19.7	24.6	23.0	20.0	7.7	29.5
Mittel	10.5	10.0	10.2	10.8	12.0	11.3	2.3	−0.6	12.7	20.8	19.9	20.2	21.6	20.3	19.5	14.6	3.0	26.8

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1	10.4	9.9	11.4	13.4	13.2	12.6	1.3	2.4	14.4	23.8	22.1	23.4	23.0	24.1	23.0	18.5	5.0	27.6
2	9.6	8.3	10.5	10.7	11.4	12.7	0.4	2.7	14.5	25.1	23.6	25.0	23.8	24.5	23.7	19.5	6.1	29.2
3	11.2	9.0	12.9	10.6	11.6	11.2	0.8	2.6	14.4	26.3	23.6	25.2	23.5	24.5	25.5	20.1	7.8	29.6
4	11.7	11.0	12.0	11.9	13.3	12.5	2.0	4.8	14.5	27.8	26.4	27.2	28.3	27.0	23.7	20.1	9.5	30.0
5	14.1	11.1	12.4	11.3	15.1	13.5	3.5	4.2	17.0	27.0	26.7	27.1	29.3	26.6	24.7	20.0	8.2	28.0
6	12.9	13.2	12.2	13.7	14.0	13.8	4.5	0.7	15.0	21.8	20.7	18.6	21.2	19.1	20.2	14.5	5.3	22.0
7	10.8	11.1	9.9	12.6	10.8	12.8	4.0	−1.9	11.0	18.7	17.8	19.1	19.6	18.4	19.4	13.1	0.2	29.0
8	8.4	8.6	7.8	8.0	9.6	12.2	−1.3	−2.2	13.4	19.9	19.1	20.8	20.8	19.2	17.4	14.0	1.4	24.4
9	10.5	10.1	10.6	10.2	11.2	12.0	0.6	−2.1	11.8	16.0	15.3	16.6	18.4	18.5	15.3	7.7	0.1	22.2
10	9.7	9.1	8.6	10.2	10.6	9.9	0.7	−2.2	9.5	17.0	17.0	18.3	20.9	18.7	16.0	12.7	−0.4	26.0
11	8.6	7.5	7.2	7.7	9.5	8.2	0.2	−1.0	13.4	22.7	21.0	21.8	23.5	20.4	21.9	14.5	3.9	24.2
12	13.5	10.4	12.2	12.8	13.1	10.0	5.4	2.2	15.0	18.5	17.6	17.5	18.9	17.6	18.7	12.6	4.1	20.0
13	11.4	12.5	12.6	11.8	13.2	11.8	7.0	−1.5	12.6	19.4	19.8	20.4	21.8	17.6	16.8	13.2	2.6	26.8
14	10.6	8.9	10.4	8.8	11.8	10.5	2.0	−2.7	12.2	12.3	13.2	13.7	16.2	15.0	12.9	13.1	−0.2	27.6
15	10.6	9.5	9.9	9.4	12.1	10.8	4.4	−2.9	11.4	19.3	19.8	20.6	20.9	17.8	15.7	10.8	−0.9	27.5
16	8.9	7.5	8.4	6.9	10.6	9.9	2.7	−3.3	12.0	20.9	19.0	20.7	20.2	19.5	18.5	11.3	−0.1	26.4
17	7.8	6.5	7.4	7.2	9.2	8.0	−1.6	−1.6	9.4	23.1	21.5	22.7	20.7	20.5	21.5	16.3	2.7	27.0
18	9.4	8.0	9.4	9.9	9.3	8.0	−1.6	2.0	12.5	23.5	21.9	21.3	21.5	20.0	22.7	17.8	7.9	26.5
19	12.3	11.5	12.0	14.0	13.6	10.5	3.4	4.8	16.0	25.8	23.0	19.3	23.0	20.9	21.7	17.0	9.4	27.6
20	13.5	13.2	13.0	14.0	14.8	13.9	5.0	2.5	15.6	21.2	21.3	19.6	21.3	19.1	19.0	14.5	4.9	26.6
21	12.6	12.5	11.0	12.5	13.3	13.3	6.2	0.0	14.0	21.7	20.9	21.5	21.9	20.5	19.3	12.8	2.6	28.5
22	9.9	8.6	9.2	9.0	10.5	12.2	4.6	−0.7	10.9	24.5	22.0	23.2	22.0	22.4	22.5	15.9	5.4	27.0
23	9.6	9.1	9.0	9.7	11.0	9.3	−0.8	4.4	15.9	27.4	25.7	25.7	27.4	25.9	24.9	18.4	9.8	27.7
24	13.8	9.9	11.8	14.5	14.5	10.9	3.4	5.5	13.9	27.3	24.6	22.5	26.8	24.4	24.0	20.9	11.5	28.6
25	13.4	14.6	13.8	16.0	15.6	13.3	4.3	3.8	15.0	24.7	23.7	25.1	23.3	22.2	21.7	18.4	5.7	30.5
26	10.5	10.4	11.8	13.5	11.1	14.4	0.5	3.3	15.0	25.4	22.9	24.2	23.4	24.0	22.1	19.7	8.5	29.5
27	10.5	12.0	13.6	15.1	12.2	13.4	1.1	6.1	18.0	25.3	24.6	25.6	23.8	25.1	22.5	21.1	11.4	28.5
28	11.2	13.4	12.8	13.8	13.7	14.3	3.5	7.0	19.0	26.4	26.7	26.6	25.6	25.6	22.8	21.2	11.4	27.5
29	12.9	13.6	13.8	14.9	14.8	12.0	3.0	7.1	18.6	28.3	27.5	27.2	26.0	27.5	24.8	21.3	12.5	27.6
30	14.3	15.1	14.8	16.5	16.8	14.0	7.4	3.7	17.5	23.9	23.4	23.5	27.3	22.5	21.6	17.7	7.8	29.5
31	12.8	13.1	12.1	14.9	14.7	13.5	6.1	4.0	13.4	24.7	22.9	23.2	26.0	23.0	22.2	17.9	8.0	28.7
Mittel	10.9	10.6	11.1	11.8	12.5	11.8	2.7	1.7	14.1	22.9	21.8	22.2	22.9	21.7	20.9	16.3	5.6	27.1

September 1913.

Tag	Minima. Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Maxima. Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	12.9	11.1	11.6	11.8	13.6	14.5	4.0	4.1	16.0	26.7	23.8	23.5	26.2	23.0	20.1	16.1	9.0	25.0
2	12.4	12.1	13.0	12.5	14.2	12.1	0.9	3.6	12.0	25.6	23.8	23.1	22.6	23.7	22.5	17.4	8.0	27.6
3	12.5	11.4	12.1	11.6	13.6	13.2	2.5	4.0	13.5	27.5	25.3	25.0	23.0	24.6	23.3	18.8	9.9	28.6
4	13.5	12.4	13.6	13.9	14.9	13.4	1.9	6.1	14.0	26.3	25.0	26.2	24.7	22.0	22.2	19.7	11.3	29.4
5	13.9	14.0	14.0	14.9	15.8	14.5	6.0	3.2	14.5	20.0	19.9	18.7	22.3	18.5	18.9	10.2	6.0	23.0
6	12.9	13.3	14.0	11.5	15.0	12.6	6.9	2.4	11.4	23.6	22.1	22.9	21.4	21.5	20.8	16.0	6.0	27.5
7	12.1	10.5	10.9	10.8	14.3	11.7	4.1	2.7	11.5	18.7	17.2	18.6	20.2	19.0	18.8	16.5	8.3	26.5
8	12.4	10.6	13.5	14.5	13.6	12.8	6.8	4.9	11.6	18.7	20.2	19.8	21.0	20.5	18.9	15.8	8.9	22.0
9	13.7	11.7	11.4	13.9	13.5	12.5	3.2	4.0	11.5	24.4	22.0	21.8	24.5	24.0	18.9	16.0	9.0	23.1
10	7.0	9.6	7.6	11.0	10.2	10.2	3.2	−5.0	11.6	16.0	14.4	15.0	16.8	18.4	14.0	12.0	3.7	21.0
11	6.4	3.7	5.1	8.8	8.0	6.0	−2.6	−5.1	10.3	17.0	15.2	16.0	17.3	16.9	16.3	13.8	2.2	24.0
12	5.0	4.5	5.7	6.3	6.6	7.0	−0.7	2.1	10.5	19.0	18.4	18.6	21.8	18.7	16.6	13.5	5.0	24.0
13	8.3	5.5	10.3	12.1	10.1	9.0	5.1	2.3	12.8	22.6	17.2	17.2	18.3	18.0	21.7	12.5	6.9	20.0
14	10.8	11.5	10.5	10.2	13.0	10.4	3.7	2.2	12.8	22.8	21.2	21.6	19.3	21.5	21.7	12.4	6.0	18.0
15	8.9	9.1	9.4	9.0	11.8	11.5	4.6	−2.5	14.5	16.5	15.6	18.0	17.8	15.7	14.9	9.5	2.2	20.0
16	5.9	5.0	7.7	6.9	8.6	8.0	0.1	−2.5	9.0	18.7	16.6	14.8	14.8	18.0	18.8	11.0	2.4	20.0
17	9.3	6.0	9.7	9.0	11.0	8.8	4.2	−1.7	12.2	19.0	17.0	18.2	19.2	16.8	15.0	10.5	1.3	22.0
18	9.1	8.2	9.6	7.7	9.3	9.0	1.2	−1.6	10.4	15.0	15.5	16.8	18.3	14.0	14.9	7.5	2.1	13.6
19	8.9	5.8	5.7	5.1	8.7	10.0	2.0	−2.9	9.0	18.6	16.8	18.0	17.9	17.1	15.5	10.5	0.2	21.5
20	7.4	5.0	5.9	6.3	7.6	9.5	2.6	−2.6	9.0	18.7	16.7	15.2	15.7	16.6	16.0	12.6	0.1	23.0
21	8.6	6.9	8.0	7.8	10.5	9.7	2.0	−3.6	9.4	14.0	14.0	14.1	16.3	17.0	13.3	9.5	−1.8	23.5
22	8.3	5.9	7.6	4.6	9.6	8.3	0.4	−3.6	7.0	16.6	17.2	17.5	16.8	16.4	14.4	7.0	−1.2	22.0
23	7.8	4.6	5.5	4.1	8.5	6.2	−3.7	−3.5	6.5	13.8	15.7	14.7	16.5	16.4	13.7	10.3	−1.7	23.6
24	6.9	5.5	6.8	6.8	8.2	5.2	−1.5	−2.5	7.4	18.5	15.9	15.6	15.1	16.0	14.6	12.8	2.1	22.2
25	8.4	6.1	7.3	6.0	7.6	5.2	−1.4	0.3	12.8	17.6	18.6	15.5	16.9	19.0	15.3	14.0	3.8	22.2
26	6.8	6.5	8.4	9.1	10.8	7.1	−2.0	0.0	13.0	13.3	13.0	13.3	15.6	15.0	14.4	13.6	4.3	22.5
27	6.7	8.6	9.0	10.8	6.9	8.9	−3.3	2.5	13.0	12.2	14.7	15.2	17.1	15.0	14.6	11.5	4.7	17.5
28	7.8	8.5	9.5	11.3	6.3	7.7	0.2	−0.3	9.0	17.2	16.6	16.5	16.0	17.9	16.5	11.5	3.1	19.8
29	7.0	9.4	9.0	9.9	8.7	8.2	2.1	−0.4	11.0	16.2	17.6	17.8	17.2	17.6	18.4	9.3	3.5	19.7
30	7.0	7.1	8.0	9.3	8.5	9.7	1.9	−0.1	10.6	14.7	12.8	12.2	14.3	13.0	19.3	10.5	4.0	14.5
Mittel	9.3	8.3	9.3	9.6	10.6	9.8	2.3	0.2	11.2	19.0	18.0	18.1	18.8	18.4	17.5	12.7	4.3	22.2

Oktober 1913.

Tag	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	7.0	6.6	7.4	8.3	9.1	8.2	−0.8	1.3	10.6	14.9	16.9	15.0	18.2	16.5	13.9	12.6	4.4	17.5
2	8.0	7.0	9.1	6.3	11.1	7.3	1.4	0.8	11.0	20.2	19.5	19.4	17.3	20.2	18.0	12.5	4.9	20.8
3	9.9	9.9	10.2	10.1	12.5	7.5	−0.5	0.3	11.5	17.7	17.2	19.2	19.5	18.5	17.6	12.6	4.6	21.5
4	7.8	8.1	9.9	10.9	10.2	8.7	3.2	−0.3	12.5	14.7	14.9	13.7	15.5	14.5	13.4	11.1	3.2	16.0
5	11.1	10.0	9.7	9.5	11.6	9.3	0.0	−1.3	10.5	18.9	15.1	15.3	15.6	15.1	15.2	9.0	2.6	17.4
6	8.6	6.9	7.1	7.5	9.9	9.5	3.3	−3.8	11.6	15.6	14.4	14.5	15.4	15.9	14.4	8.4	0.0	17.0
7	8.8	7.1	7.6	8.4	11.6	7.7	3.5	−0.6	11.6	18.7	16.1	14.2	14.8	16.6	20.6	10.7	3.2	17.7
8	8.0	7.5	8.2	6.0	10.1	8.4	5.3	−2.7	13.0	17.8	13.8	13.2	12.8	14.8	21.5	12.4	5.9	18.8
9	8.3	4.6	7.0	5.4	9.0	7.9	−1.4	−3.8	9.2	16.5	15.7	15.9	18.9	15.9	15.2	6.8	−1.6	22.5
10	5.0	4.0	3.7	3.1	6.6	8.3	−5.3	−4.2	6.5	16.5	15.8	17.2	14.9	14.9	14.4	10.2	−0.1	21.5
11	5.3	3.9	4.4	3.2	4.1	5.0	−4.5	−1.0	7.5	11.4	13.0	12.1	14.3	14.2	14.0	12.1	2.1	20.6
12	6.0	5.9	7.0	4.8	8.7	5.2	−3.1	−4.6	8.4	17.6	17.1	18.1	16.8	16.5	15.9	12.1	−0.6	19.0
13	5.5	2.0	4.5	3.8	5.2	6.0	−3.1	−5.5	6.6	15.3	13.6	15.2	15.2	14.0	13.6	8.0	−2.8	21.6
14	1.6	2.6	3.7	3.6	4.1	4.1	−3.9	−7.7	8.3	11.4	10.2	11.5	10.9	11.8	10.5	8.3	3.2	12.2
15	0.4	0.5	1.4	2.0	2.6	3.7	−7.6	−3.6	4.0	10.1	10.4	10.2	11.3	10.5	9.9	12.4	4.8	13.5
16	6.0	6.0	6.1	6.4	7.2	3.9	−2.7	−3.7	4.0	13.5	11.2	13.7	14.6	12.0	12.4	11.6	4.0	18.0
17	7.5	5.3	7.0	4.5	6.6	4.8	−5.9	2.1	3.4	8.7	10.7	10.6	12.8	10.7	11.5	13.8	7.7	17.0
18	4.0	4.4	5.3	4.4	3.6	4.7	−4.5	3.8	4.0	14.1	12.7	11.9	11.9	15.5	10.5	14.2	7.0	18.5
19	2.7	1.4	4.7	4.7	5.1	2.9	−4.7	3.4	4.0	11.4	10.4	9.1	10.7	14.0	10.5	13.5	8.6	19.0
20	3.5	0.4	5.1	4.7	5.6	2.5	−4.4	2.6	4.5	14.0	14.5	9.8	9.6	14.8	11.1	12.0	5.6	19.2
21	2.9	0.6	4.6	4.8	5.6	2.8	−6.1	2.1	4.4	11.1	16.1	9.0	11.2	15.9	19.8	11.2	5.3	18.0
22	6.0	6.0	6.1	7.8	8.2	3.5	−0.6	1.1	9.5	15.2	16.5	18.0	18.0	14.6	18.5	9.5	6.5	15.0
23	8.3	7.1	7.0	4.6	9.6	8.7	0.5	1.2	9.0	15.8	14.6	15.1	13.9	15.9	19.0	10.4	5.0	19.0
24	7.9	7.0	8.0	7.3	10.2	8.5	−3.2	1.2	7.5	17.3	18.5	16.7	15.4	18.0	14.6	13.7	2.9	18.0
25	5.1	4.0	5.6	4.1	8.2	5.6	−4.1	2.2	6.2	18.1	18.9	14.3	14.7	17.0	19.7	14.4	7.0	18.0
26	5.9	4.0	7.1	8.3	7.8	6.0	−2.5	2.4	6.0	14.5	18.3	16.4	16.3	15.0	21.9	13.0	5.8	18.5
27	7.9	4.2	7.4	6.0	9.6	8.6	4.0	2.0	11.5	20.4	17.8	15.0	15.0	19.5	19.5	9.5	4.6	13.8
28	6.0	4.4	6.0	5.1	8.6	8.7	0.0	1.5	11.4	15.2	14.4	12.0	14.8	16.0	22.6	9.0	4.3	15.6
29	10.7	8.8	7.8	8.9	11 1	6.0	3.5	1.5	11.7	19.3	17.7	16.4	15.9	19.2	21.7	7.8	4.1	13.6
30	8.1	7.5	8.0	8.1	10.4	8.8	0.6	−1.8	11.0	14.3	11.7	13.2	17.1	13.2	14.9	8.5	2.6	15.5
31	4.1	4.1	5.5	4.1	7.2	6.4	−1.3	−1.4	8.8	16.8	14.0	13.0	13.5	15.6	13.6	8.4	1.4	17.4
Mittel	6.4	5.2	6.5	6.0	8.1	6.4	−1.4	−0.5	8.4	15.4	14.9	14.1	14.7	15.4	15.8	11.0	3.8	17.8

November 1913.

Tag	Minima. Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Maxima. Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	4.5	4.2	6.0	6.3	7.1	6.7	−4.8	−0.8	7.4	14.0	14.3	11.2	14.3	14.8	16.5	7.5	3.7	15.6
2	8.5	6.3	8.1	7.3	8.5	8.2	−3.7	−2.2	8.5	15.2	15.5	16.3	20.0	15.5	14.7	9.5	0.3	16.5
3	7.4	5.4	7.2	8.3	7.8	5.3	−5.0	−1.4	7.5	17.7	16.6	16.2	18.3	17.0	14.5	10.3	2.6	15.6
4	10.1	8.5	8.8	9.0	10.7	5.5	−1.9	−2.3	6.5	14.6	14.7	13.6	13.6	15.0	13.2	8.3	−0.3	14.0
5	9.9	8.2	10.0	10.1	10.6	7.5	−0.9	−1.9	8.0	16.0	14.5	15.5	16.8	15.0	14.6	8.5	−0.1	15.6
6	4.4	5.6	5.5	5.8	8.2	3.8	−9.6	−8.2	9.0	11.7	10.3	11.2	13.6	11.3	8.5	4.3	−2.1	16.2
7	4.3	2.5	3.7	4.0	5.6	3.8	−10.3	−8.8	4.4	9.5	8.1	7.1	8.3	8.6	8.6	1.9	−7.8	13.6
8	5.1	2.5	3.8	2.9	5.6	4.6	−6.7	−9.4	1.8	9.5	8.8	8.6	9.7	11.0	9.6	0.3	−3.5	16.0
9	5.8	3.6	5.5	5.1	6.8	4.5	−10.1	−3.7	2.7	13.1	13.4	13.0	16.7	13.5	11.6	3.6	−1.7	14.0
10	5.0	3.4	4.8	5.8	7.2	4.9	−10.0	−2.1	5.5	12.8	12.7	11.6	12.3	14.5	16.2	4.5	−0.8	13.6
11	4.2	2.4	4.4	5.1	7.9	5.7	−5.1	−2.0	7.8	9.0	9.7	8.7	10.2	10.8	18.5	5.4	0.5	10.0
12	6.9	4.5	7.0	7.5	9.6	5.8	2.8	−1.6	8.6	11.7	11.1	10.3	12.4	12.0	12.3	6.3	0.9	10.6
13	5.7	5.5	5.7	6.2	8.6	7.7	0.3	−6.3	9.9	19.6	8.5	9.0	12.0	12.5	8.7	5.0	−1.4	16.5
14	5.6	3.1	4.5	4.7	6.1	6.0	−4.0	−7.8	3.4	10.1	8.6	9.1	10.0	9.2	9.6	2.4	−4.6	14.0
15	5.3	3.3	4.5	6.0	6.0	5.5	−2.5	−7.8	4.0	8.2	8.1	7.7	10.5	10.1	8.5	3.3	−5.0	15.9
16	5.8	2.9	4.9	6.5	5.6	4.9	−5.7	−8.0	2.2	7.8	8.1	8.7	9.7	10.0	10.0	0.4	−5.3	14.9
17	6.2	5.5	5.7	5.5	7.6	5.5	−1.7	−5.9	9.2	10.0	10.2	9.9	11.2	12.5	8.5	4.1	−0.9	15.1
18	7.0	6.1	6.5	4.4	9.1	5.5	−6.2	−3.5	3.8	11.9	13.5	12.9	13.8	14.5	11.5	3.5	−1.3	14.4
19	4.1	4.4	4.2	3.0	6.0	3.6	−9.8	−6.4	3.0	10.8	12.4	11.5	14.2	12.5	10.0	5.8	−2.6	12.5
20	2.6	3.4	1.3	1.5	1.6	1.8	−11.3	−7.0	1.5	9.3	7.9	8.3	8.8	9.5	8.6	4.1	−1.3	12.6
21	1.2	−0.1	2.6	−0.8	2.2	0.5	−10.0	−2.6	1.8	5.7	5.1	6.7	12.6	9.4	5.9	4.3	0.4	11.2
22	0.6	0.0	2.4	2.6	4.1	2.3	−6.4	−4.8	4.5	10.0	7.4	6.5	8.5	10.5	8.3	4.8	−1.8	10.0
23	1.7	−0.2	2.1	4.2	5.1	2.5	−6.5	−3.4	6.5	7.0	7.5	7.1	10.4	7.1	7.4	4.7	−0.9	9.8
24	4.5	3.5	4.0	3.3	5.6	4.2	−3.8	−8.4	4.9	6.9	6.3	7.3	6.0	8.0	7.1	1.8	−2.8	8.0
25	3.1	1.5	1.7	2.4	3.7	3.4	−5.1	−9.0	1.5	4.7	4.4	6.1	5.8	6.4	6.0	0.8	−8.0	14.5
26	1.6	1.9	0.9	2.1	2.6	1.9	−12.5	−9.6	3.4	8.5	6.1	7.9	6.7	7.0	6.8	−1.2	−5.0	10.8
27	2.3	0.1	1.6	0.6	2.2	1.0	−4.8	−8.1	1.0	5.2	4.3	5.5	5.7	7.6	4.6	1.8	−5.3	16.5
28	4.8	1.6	3.4	1.4	5.1	2.0	−8.5	−7.9	1.5	7.4	6.5	8.2	6.0	9.0	7.3	5.0	−1.2	11.0
29	6.2	2.6	4.0	1.2	6.0	2.5	−4.0	−3.8	0.5	10.8	10.6	11.4	11.2	11.4	9.0	6.1	−2.0	20.0
30	2.4	−1.0	1.9	0.4	2.8	−0.5	−10.5	−4.0	3.0	10.5	4.5	6.5	7.2	10.0	5.6	1.9	−0.3	12.5
Mittel	4.9	3.4	4.6	4.4	6.2	4.2	−6.3	−5.3	4.8	10.3	9.4	9.8	11.2	11.2	10.7	4.3	−1.9	13.7

Dezember 1913.

Tag	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano	Zürich	Bern	Neuenburg	Genf	Basel	Altdorf	Bevers	Säntis	Lugano
1	0.7	−2.3	2.2	−0.5	2.1	−0.6	−8.5	−5.0	1.5	10.0	8.2	4.7	3.3	9.9	7.6	2.0	−1.6	10.6
2	1.1	−2.1	1.6	−1.5	3.6	−0.4	−9.7	−5.9	1.0	8.1	9.3	5.1	3.0	10.0	6.8	3.9	−3.9	10.5
3	−0.4	−2.2	1.2	−2.2	1.4	−0.6	−10.4	−4.9	1.0	7.9	2.0	5.8	2.2	6.5	5.4	1.0	−1.0	10.0
4	−0.3	−3.8	1.2	0.0	0.6	−0.7	−11.0	−10.5	1.0	10.9	9.2	10.5	10.3	11.0	13.9	2.8	−1.5	8.0
5	1.0	−2.0	−0.1	1.2	2.0	0.6	−11.8	−13.5	0.5	3.6	4.0	4.4	5.1	6.4	5.6	−0.3	−9.6	10.5
6	0.5	0.2	0.5	2.8	2.1	1.2	−9.8	−9.6	1.0	4.0	4.5	5.7	7.0	5.7	2.7	0.4	−5.9	9.5
7	−1.9	0.5	0.8	3.8	−0.1	1.0	−4.9	−15.4	0.0	4.5	5.3	7.1	8.2	3.0	4.6	3.6	−6.0	7.2
8	−4.2	−3.5	−3.0	0.4	−1.4	−1.6	−15.9	−16.2	0.2	2.9	1.6	3.1	4.3	2.9	2.7	−2.0	−9.3	7.0
9	−3.3	−4.3	−3.6	−3.2	−2.2	−2.4	−16.4	−10.2	−2.4	5.2	4.5	4.3	6.7	5.5	4.3	3.1	−4.3	7.8
10	3.4	−3.4	0.1	−1.4	2.0	−0.1	−9.9	−9.5	−1.6	6.8	7.5	8.6	8.9	8.0	8.7	5.3	−4.5	15.0
11	3.6	2.4	3.0	3.3	5.0	1.5	−6.1	−9.0	4.0	5.9	6.6	7.8	10.6	7.6	6.2	2.6	−6.3	20.0
12	4.2	2.1	3.7	4.6	5.3	1.6	−10.5	−7.6	0.9	6.6	6.2	6.3	7.2	7.6	5.5	1.4	−5.6	9.0
13	2.5	1.9	2.1	2.0	4.6	1.0	−13.5	−9.1	0.0	5.0	5.1	6.5	8.5	7.3	6.0	−0.3	−5.5	9.0
14	1.4	−0.4	0.9	−1.2	2.5	1.1	−9.8	−12.5	0.0	5.0	4.9	6.3	7.5	6.0	5.9	−1.7	−9.7	14.5
15	2.2	−1.3	0.0	−3.3	4.0	2.7	−5.9	−12.4	3.5	4.5	5.7	5.5	5.8	5.6	5.2	−1.1	−4.9	15.8
16	0.8	−2.9	−1.2	−3.2	3.2	0.8	−9.4	−10.7	1.0	7.2	5.4	6.8	6.5	5.0	6.5	3.7	−4.6	10.5
17	0.8	−2.5	1.8	−2.3	2.2	0.3	−14.7	−10.8	0.0	3.6	3.8	5.0	5.8	5.1	3.2	3.4	−9.2	9.2
18	0.2	0.0	1.3	−0.8	2.1	0.7	−15.7	−12.6	−1.5	2.5	1.8	2.7	4.6	4.5	2.6	−5.9	−10.0	6.0
19	−3.7	−4.9	−2.6	−0.5	−1.0	−2.6	−15.9	−12.1	2.0	−0.2	−1.5	−1.0	3.3	3.4	2.0	−6.1	−8.7	4.6
20	−6.0	−6.0	−3.7	−2.8	−3.9	−3.5	−18.3	−8.5	−2.4	−1.6	−2.9	−2.0	−0.1	−0.5	0.1	−7.0	−4.3	6.0
21	−6.4	−6.2	−4.3	−2.8	−4.9	−2.5	−17.1	−5.6	−2.4	−2.3	−2.8	−1.1	−0.3	1.1	0.6	−4.7	−3.7	6.0
22	−4.4	−7.1	−3.7	−4.3	−4.8	−2.7	−16.9	−5.3	−2.0	−2.2	−2.5	−0.4	−0.8	1.0	−0.5	−4.3	−2.2	6.3
23	−4.8	−7.6	−4.6	−6.1	−4.6	−5.5	−16.4	−7.0	−3.2	0.2	−3.3	−0.4	−3.4	3.1	−0.4	−4.5	−4.0	4.6
24	−5.0	−7.4	−3.8	−8.0	−3.8	−5.6	−15.6	−11.9	−4.0	6.5	1.0	4.6	6.3	4.6	3.3	−3.2	−6.0	6.6
25	−3.0	−4.1	−2.6	−2.2	−0.8	−3.7	−13.9	−16.5	0.0	1.5	1.6	2.5	3.3	2.0	2.0	−4.5	−12.7	10.1
26	−3.3	−6.5	−5.5	−5.7	−3.1	−4.2	−14.2	−16.0	−2.5	3.8	2.8	2.9	4.8	3.3	2.6	−3.2	−6.7	6.5
27	−0.9	−6.3	−0.4	−4.0	−0.8	−4.5	−13.8	−7.4	−2.4	9.5	9.0	9.7	11.3	9.1	8.6	0.4	−5.4	5.4
28	1.0	−2.2	0.8	1.3	2.3	−2.7	−9.0	−13.0	2.2	8.7	7.5	8.1	8.8	10.5	9.9	0.5	−6.3	5.0
29	−2.0	−2.9	−2.0	−3.5	−1.1	−0.2	−9.7	−17.1	−1.0	1.0	1.0	2.4	4.6	2.6	1.5	−5.2	−13.6	9.8
30	−4.3	−6.5	−4.9	−3.4	−3.2	−3.2	−12.6	−18.7	3.0	−1.5	−2.3	−1.3	−0.2	−1.0	−1.0	−9.0	−17.3	9.6
31	−6.6	−6.0	−5.5	−3.0	−4.2	−3.9	−22.8	−21.0	−0.5	−2.4	−3.8	−2.5	−1.0	−2.2	−0.1	−12.8	−17.9	5.5
Mittel	−1.2	−3.1	−1.0	−1.5	0.2	−1.2	−12.6	−11.1	−0.1	4.0	3.2	4.2	4.9	5.0	4.3	1.3	−6.9	8.9

Pentaden- und Monatsmittel der Bodentemperaturen

von **Wintersingen** im Jahre 1913.

Beobachter: **W. Bührer.** $H = 455^{m}$.

1913 Pentaden	Lufttemp. Tagesmittel	Bodentemperatur 1^{30}p in der Tiefe von cm 5	30	60	120	1913 Pentaden	Lufttemp. Tagesmittel	Bodentemperatur 1^{30}p in der Tiefe von cm 5	30	60	120
1.–5. Januar	0.5	0.5	1.7	3.2	5.4	30.–4. Juli	15.1	19.8	15.0	14.7	13.5
6.–10. »	−0.1	0.6	1.1	2.6	5.0	5.–9. »	12.8	17.3	15.2	14.8	13.6
11.–15. »	0.3	0.7	1.0	2.3	4.7	10.–14. »	14.2	18.4	14.4	14.2	13.6
16.–20. »	3.8	2.8	1.3	2.2	4.5	15.–19. »	14.5	18.4	16.1	15.1	13.6
21.–25. »	4.1	4.0	2.4	2.7	4.5	20.–24. »	12.9	16.8	15.2	14.9	13.8
26.–30. »	1.7	3.6	2.6	3.3	4.7	25.–29. »	17.1	23.9	15.8	15.0	13.9
31.–4. Februar	5.6	5.3	3.0	3.3	4.8	30.–3. August	17.1	28.1	18.0	16.6	14.3
5.–9. »	3.6	3.9	2.7	3.6	5.0	4.–8. »	15.3	24.7	18.0	17.1	14.9
10.–14. »	2.7	1.0	1.6	2.9	4.9	9.–13. »	13.4	19.1	16.1	16.1	14.9
15.–19. »	−2.7	−0.2	1.0	2.4	4.7	14.–18. »	12.9	19.8	15.3	15.4	14.7
20.–24. »	−1.1	0.0	0.3	1.9	4.3	19.–23. »	15.8	21.5	16.0	15.5	14.6
25.–1. März	1.7	1.1	0.0	1.5	4.0	24.–28. »	17.3	23.3	17.0	16.2	14.8
2.–6. »	4.2	3.7	0.1	1.3	3.7	29.–2. September	17.1	21.8	17.7	16.8	15.0
7.–11. »	4.6	5.9	1.4	2.0	3.7	3.–7. »	16.7	21.2	17.3	16.7	15.3
12.–16. »	7.2	8.3	3.9	3.6	4.1	8.–12. »	12.8	19.7	16.2	16.3	15.4
17.–21. »	6.2	5.8	3.6	3.8	4.7	13.–17. »	12.8	18.3	15.0	15.3	15.2
22.–26. »	7.2	9.1	6.1	5.4	5.1	18.–22. »	10.3	15.3	13.8	14.4	14.7
27.–31. »	10.1	11.6	6.4	5.9	5.7	23.–27. »	11.0	15.8	13.2	13.7	14.2
1.–5. April	6.4	—	—	—	—	28.–2. Oktober	11.4	15.6	12.7	13.3	13.9
6.–10. »	6.1	—	—	—	—	3.–7. »	12.1	14.8	12.8	13.1	13.6
11.–15. »	0.9	8.6	4.5	5.0	6.9	8.–12. »	9.9	13.2	11.8	12.7	13.4
16.–20. »	8.0	10.6	6.7	6.1	6.8	13.–17. »	7.2	10.3	9.9	11.5	12.9
21.–25. »	12.0	16.8	10.6	8.0	7.3	18.–22. »	7.4	9.3	8.5	10.2	12.2
26.–30. »	14.3	21.0	13.6	9.8	8.0	23.–27. »	11.0	11.3	9.7	10.2	11.6
1.–5. Mai	7.9	13.2	11.3	10.9	8.8	28.–1. November	10.6	11.1	9.8	10.4	11.4
6.–10. »	12.4	16.4	10.1	11.5	9.1	2.–6. »	9.7	11.2	9.8	10.2	11.2
11.–15. »	11.9	19.6	12.3	11.2	9.6	7.–11. »	7.8	9.7	9.1	9.9	11.1
16.–20. »	11.6	18.2	13.1	12.1	10.3	12.–16. »	7.7	8.7	8.6	9.5	10.8
21.–25. »	13.1	20.3	12.5	12.1	10.9	17.–21. »	6.1	8.2	8.1	9.1	10.4
26.–30. »	18.9	25.3	15.9	13.7	12.0	22.–26. »	4.2	6.4	6.4	8.0	10.0
31.–4. Juni	18.1	25.7	16.9	15.2	12.5	27.–1. Dezember	4.8	5.5	6.1	7.6	9.4
5.–9. »	14.6	20.5	16.1	15.3	12.7	2.–6. »	2.8	3.8	4.4	6.5	9.0
10.–14. »	15.7	20.9	16.0	15.1	12.9	7.–11. »	1.3	2.8	3.5	5.5	8.1
15.–19. »	18.6	26.0	17.7	16.0	13.1	12.–16. »	3.5	4.9	4.4	5.4	7.7
20.–24. »	13.3	19.2	16.3	16.0	13.7	17.–21. »	−1.2	1.9	3.3	5.1	7.5
25.–29. »	12.3	16.3	15.0	15.0	13.7	22.–26. »	−2.4	0.0	1.6	3.8	7.0
						27.–31. »	−0.6	0.6	1.4	3.1	6.3

Monats- und Jahresmittel.

Januar	1.7	2.1	1.7	2.7	4.8	Juli	14.1	19.7	15.5	14.9	13.7
Februar	1.2	1.7	1.5	2.6	4.6	August	14.9	22.3	16.8	16.2	14.8
März	6.0	7.2	3.5	3.6	4.5	September . . .	12.4	18.0	15.0	15.2	14.9
April	7.5	—	—	—	—	Oktober	9.4	12.0	10.7	11.5	12.6
Mai	11.9	19.5	12.7	11.7	10.2	November . . .	6.8	8.5	8.1	9.2	10.6
Juni	14.8	21.1	16.3	15.4	13.1	Dezember . . .	0.5	2.4	3.2	5.0	7.6

	Lufttemp.	5 cm	30 cm	60 cm	120 cm
Jahr	8.4	—	—	—	—

Anmerkung. Die Pentadenmittel der Lufttemperatur sind aus den rohen Tagesmitteln $^1/_3$ ($7^{30}+1^{30}+9^{30}$) gebildet, während die Monatsmittel in obstehender Uebersicht, entsprechend denjenigen in den Monatsübersichten sämtlicher Stationen, nach der Kombination $^1/_4$ ($7^{30}+1^{30}+2\times9^{30}$) gebildet sind.

Resultate der Aufzeichnungen der autographischen Apparate für Luftdruck, Temperatur, Richtung und Geschwindigkeit des Windes

auf den Stationen: Zürich, Säntis und Bern

im Jahre 1913.

In den nachfolgenden Tabellen folgen die stündlichen Werte einiger meteorologischen Elemente für Zürich und Säntis in extenso, für Bern nur in Monatsmitteln. — In Zürich und auf dem Säntis werden die Temperaturen durch Richard'sche Thermographen, die Daten für Luftdruck durch Sprung-Fuess'sche Barographen, die Aufzeichnungen der Windrichtung und Windgeschwindigkeit durch Anemographen von Beckley erhalten. — In Bern geschieht seit Anfang 1898 die Registrierung der Temperatur und Feuchtigkeit in veränderter Exposition, nämlich in einer freistehenden Hütte und mit Verwendung des Richard'schen Thermo- und Hygrographen, die Luftdruckbeobachtungen dagegen werden wie bisher vom Wild-Hasler'schen Barographen gewonnen.

Januar 1913. **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	−3.0	−2.9	−3.4	−4.0	−4.2	−3.8	−3.8	−3.9	−3.5	−3.4	−1.7	−1.5	0.0	−0.5	−0.5	−1.6	−2.4	−3.0	−3.1	−4.0	−4.1	−4.3	−4.4	−4.2	−2.97
2	−4.3	−3.2	−2.5	−2.1	−2.4	−2.3	−2.2	−1.8	−1.6	−1.2	−0.9	0.0	1.9	2.3	2.3	1.2	0.3	0.1	0.2	−0.3	−0.6	−1.0	−1.3	−1.5	−0.87
3	−0.9	−0.8	−1.1	−1.5	−1.7	−1.7	−1.4	−1.6	−2.4	−2.7	−2.0	−1.2	0.4	1.0	0.4	−0.2	−0.5	−0.8	−1.2	−1.4	−1.6	−1.8	−2.2	−2.5	−1.22
4	−2.7	−3.4	−3.5	−3.4	−3.5	−3.6	−3.5	−3.7	−3.9	−3.6	−3.3	−3.0	−2.6	−3.3	−2.0	−2.1	−2.2	−2.2	−2.2	−2.3	−2.5	−2.4	−2.5	−2.5	−2.91
5	−2.6	−2.8	−2.4	−2.3	−2.6	−2.8	−2.8	−3.2	−3.3	−3.0	−3.1	−2.8	−2.1	−2.2	−2.2	−2.2	−2.3	−2.5	−2.6	−3.2	−3.4	−3.7	−3.4	−3.8	−2.80
6	−4.1	−4.0	−3.9	−4.0	−4.2	−4.8	−4.6	−4.8	−4.8	−4.6	−3.8	−3.9	−1.9	−1.1	−1.0	−0.9	−1.1	−1.3	−0.9	−0.7	−0.9	−1.2	−1.0	−0.8	−2.66
7	−0.4	−0.1	0.3	0.4	0.3	−0.5	−0.2	−0.6	−0.7	0.5	2.6	4.2	5.0	6.1	4.5	3.3	1.1	0.7	0.3	0.0	−0.6	−1.0	−1.2	−1.4	0.94
8	−1.7	−2.0	−1.4	−1.1	−1.2	−1.5	−2.0	−1.8	−1.6	−1.5	−1.3	−1.1	−1.0	−1.0	−1.1	−1.2	−1.3	−1.4	−1.6	−1.7	−2.0	−2.0	−2.1	−2.3	−1.54
9	−2.3	−2.4	−2.5	−2.4	−2.3	−2.6	−2.8	−2.7	−2.8	−2.7	−2.3	−2.0	−2.0	−1.6	−1.8	−2.0	−2.3	−2.4	−2.3	−2.5	−2.9	−2.9	−3.0	−3.1	−2.44
10	−3.0	−2.9	−3.1	−3.3	−3.5	−3.7	−3.6	−3.7	−3.6	−3.4	−3.2	−2.9	−2.8	−2.5	−2.4	−2.2	−2.4	−2.5	−2.6	−2.5	−2.4	−2.3	−2.3	−2.4	−2.88
11	−2.3	−2.4	−2.3	−2.3	−2.9	−1.8	−1.8	−1.4	−1.0	−0.1	1.8	0.6	−0.2	0.2	0.1	−0.4	−0.6	−1.2	−1.4	−1.3	−1.1	−1.1	−1.2	−1.1	−1.05
12	−1.4	−1.1	−0.7	−0.4	2.1	4.1	5.0	5.3	5.0	3.6	3.2	4.0	5.0	5.4	4.8	4.3	4.0	3.6	3.5	2.2	2.6	2.6	2.5	2.6	2.99
13	1.0	0.6	−0.1	−0.3	0.5	0.1	0.2	0.0	0.5	1.7	1.2	0.7	0.6	2.2	2.5	1.0	0.5	0.3	−0.2	−0.2	−0.4	−0.4	−1.2	−1.4	0.41
14	−2.3	−2.4	−2.9	−3.3	−2.7	−2.7	−3.0	−2.6	−1.6	0.0	0.7	2.2	1.1	0.8	0.2	−0.2	−0.7	−1.0	−1.4	−1.5	−2.2	−2.1	−2.4	−2.9	−1.37
15	−2.6	−2.4	−3.0	−3.3	−3.9	−4.9	−4.2	−3.7	−3.2	−1.0	0.7	−0.7	0.3	1.3	1.4	0.0	−0.8	−1.3	−1.1	−1.0	−0.9	−0.4	−0.1	0.0	−1.45
16	−0.3	−0.6	−1.9	−2.5	−2.0	−1.9	−1.2	−1.4	−0.1	1.4	0.1	1.8	3.3	3.5	2.8	2.3	1.1	0.6	0.6	0.0	0.4	0.0	0.1	1.6	0.32
17	1.3	1.4	3.2	3.0	2.2	2.1	3.0	2.4	3.2	3.8	5.6	6.1	6.4	5.6	4.8	4.4	4.4	5.4	4.8	4.1	5.0	4.1	3.9	5.6	3.99
18	4.2	4.6	4.6	4.7	5.0	4.7	5.0	4.9	5.0	3.7	3.5	3.5	5.2	5.5	5.6	4.9	5.2	4.8	4.3	4.3	4.4	3.6	3.1	3.7	4.50
19	3.8	3.0	3.1	2.8	2.6	3.1	3.0	3.3	3.6	3.7	6.0	6.4	6.8	6.1	5.8	4.6	2.6	1.9	2.0	1.4	1.4	1.0	0.6	0.7	3.30
20	−0.2	−0.1	0.2	0.5	0.5	0.2	0.6	1.4	1.7	1.8	1.3	1.5	3.5	4.2	3.1	2.6	1.7	1.3	1.6	1.6	1.1	0.6	0.3	0.7	1.32
21	0.6	2.2	0.9	1.7	1.3	2.1	2.2	4.4	4.8	6.6	7.2	7.9	7.6	6.5	6.2	3.5	3.5	3.6	0.6	2.9	3.8	3.1	2.9	3.0	3.71
22	3.1	3.0	3.1	2.6	2.6	2.6	2.8	2.1	2.8	2.6	2.2	2.3	2.9	2.5	2.1	1.7	1.6	1.6	1.6	1.6	1.5	1.4	1.7	1.8	2.24
23	2.2	1.7	1.1	0.8	0.9	0.5	0.0	−0.1	−0.2	0.4	1.5	3.0	3.5	4.0	4.9	5.5	5.7	6.2	6.7	6.6	5.8	6.5	5.9	5.7	3.28
24	5.9	6.4	6.5	5.8	5.7	5.5	5.8	5.3	5.3	5.8	7.1	7.5	8.1	7.5	7.1	6.8	6.3	3.7	2.7	2.2	1.5	1.8	1.6	1.6	5.15
25	1.9	2.0	2.2	2.0	0.8	0.4	0.0	0.0	0.0	2.5	4.9	5.3	5.4	5.6	5.3	5.1	5.1	5.0	7.0	6.5	7.0	6.7	5.4	7.0	3.88
26	6.9	7.0	6.9	6.0	5.2	4.6	4.8	4.4	4.8	5.1	5.2	5.2	5.6	5.2	3.5	2.9	2.4	2.3	2.2	1.8	1.7	1.6	1.7	1.0	4.08
27	0.9	0.5	0.1	−0.3	−0.5	−0.5	−0.8	−0.9	−0.6	−0.4	−0.3	0.4	1.0	1.1	0.9	0.8	0.5	0.5	0.6	0.5	0.2	0.2	0.3	0.5	0.20
28	1.1	1.2	1.1	0.7	0.7	0.8	1.1	1.4	1.6	2.2	2.9	3.6	4.6	6.7	5.1	4.7	4.3	3.8	3.6	3.5	3.2	3.0	2.7	2.6	2.76
29	2.3	2.2	1.8	1.6	1.5	1.4	1.4	1.5	1.2	1.4	1.5	1.5	1.5	1.4	1.5	1.0	0.7	0.3	0.0	−0.3	−0.4	−0.6	−0.9	−0.9	0.94
30	−1.1	−1.5	−1.7	−2.0	−2.1	−2.2	−2.5	−2.6	−2.6	−2.4	−1.9	−1.0	−0.6	−0.2	−0.4	−0.6	−0.6	−0.6	−0.3	−0.6	−0.2	0.0	0.5	0.6	−1.11
31	0.7	1.0	1.3	1.4	1.3	1.7	6.0	3.8	3.6	4.5	6.0	6.9	7.5	7.4	6.6	4.3	4.5	4.5	3.6	2.0	2.0	4.4	3.3	3.6	3.83
M.	0.02	0.06	0.00	−0.15	−0.21	−0.24	0.02	−0.01	0.18	0.69	1.35	1.76	2.39	2.57	2.26	1.66	1.23	0.98	0.81	0.57	0.50	0.48	0.24	0.37	0.73

Februar 1913. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	4.2	3.6	3.6	4.2	4.5	3.3	2.0	2.1	2.6	3.4	3.8	5.1	7.2	7.2	6.3	6.0	5.7	5.3	4.8	4.7	5.0	4.0	4.4	7.4	4.60
2	5.3	8.5	7.7	7.4	7.0	8.0	5.4	4.3	3.1	3.8	3.2	3.0	3.2	2.6	3.5	3.6	3.0	2.8	3.3	3.4	3.2	3.0	3.5	3.5	4.37
3	3.6	2.8	2.7	3.1	2.4	3.2	3.2	3.2	3.9	4.3	4.6	5.4	5.6	6.1	6.5	6.8	7.0	6.8	7.3	7.7	7.2	7.1	7.1	7.3	5.20
4	7.2	6.9	6.7	6.3	5.1	3.0	2.8	2.4	5.3	6.1	5.6	7.5	9.4	10.0	9.8	8.6	6.9	5.1	4.7	3.6	3.8	3.9	3.8	3.4	5.75
5	1.9	1.2	0.9	0.0	−0.3	−0.4	−1.0	−1.5	−1.6	0.3	2.6	5.2	6.5	7.7	7.3	6.4	4.9	2.6	2.0	1.5	1.2	0.8	0.4	0.5	2.05
6	0.2	0.8	1.2	1.5	1.7	2.1	2.0	1.7	3.4	5.6	6.5	10.6	11.3	12.3	11.3	9.8	7.8	5.0	4.6	4.2	3.6	2.9	1.6	1.8	4.73
7	2.4	1.6	1.0	0.8	0.8	0.7	1.1	1.7	2.2	2.5	3.5	6.5	9.3	10.6	10.3	9.1	6.7	5.3	3.9	3.0	2.4	1.7	1.5	1.7	3.76
8	1.3	1.0	0.8	0.8	0.7	0.6	0.6	2.7	4.6	4.4	5.1	5.4	4.2	4.5	5.0	5.2	5.0	4.8	3.1	1.9	1.6	1.1	0.8	0.8	2.75
9	0.0	−1.0	−1.0	−1.2	−1.7	−1.9	−2.2	−2.3	−1.9	−1.3	−1.0	−0.4	0.6	0.8	0.6	0.6	0.0	−0.1	−0.2	0.0	0.0	−0.3	−0.3	−0.4	−0.61
10	−1.1	−1.4	−1.4	−1.9	−2.2	−2.3	−2.6	−2.4	−1.9	−0.6	−0.1	1.3	2.6	3.6	3.6	3.6	3.0	1.6	0.6	0.4	−0.5	−0.8	−1.2	−1.1	−0.05
11	−1.3	−1.3	−1.3	−1.9	−1.5	−1.7	−2.0	−1.7	−1.4	0.1	3.0	5.7	7.8	7.5	6.2	6.0	5.3	4.6	4.2	3.3	3.7	3.8	3.5	2.2	2.20
12	1.5	1.0	0.7	0.3	0.0	−0.3	0.0	0.4	1.3	1.9	2.9	4.9	6.5	8.5	9.0	8.1	6.0	3.4	2.8	1.9	1.0	1.9	0.7	1.1	2.73
13	0.3	1.0	0.6	0.4	0.0	−0.1	−1.3	−0.7	2.0	4.2	5.3	6.7	7.4	8.7	7.9	7.3	5.0	2.7	1.7	0.8	1.5	0.4	−0.2	0.1	2.57
14	0.3	0.2	0.6	0.6	0.5	0.8	1.0	0.9	2.0	2.9	4.3	5.6	5.5	4.4	5.5	4.6	4.3	2.7	2.2	1.9	1.0	0.6	−0.2	−1.2	2.13
15	−1.9	−2.4	−2.5	−2.5	−3.2	−3.6	−4.0	−3.6	−1.9	−1.0	0.3	1.3	2.1	2.6	2.4	1.6	0.6	−0.5	−1.5	−2.2	−2.6	−2.9	−3.5	−3.9	−1.37
16	−4.2	−4.6	−5.3	−5.8	−5.8	−5.2	−6.0	−5.5	−3.2	−1.1	0.6	1.3	1.6	2.7	2.3	1.8	0.6	−0.1	−0.4	−0.7	−1.4	−2.0	−2.5	−3.1	−1.92
17	−3.5	−3.9	−4.4	−4.7	−4.9	−4.8	−5.4	−4.9	−3.1	−1.9	−0.5	1.0	2.0	1.7	1.4	0.9	−0.2	−1.5	−2.1	−2.6	−3.0	−3.0	−3.3	−3.7	−2.27
18	−4.0	−4.3	−4.7	−5.2	−5.7	−6.2	−7.0	−6.8	−5.3	−3.4	−1.4	−0.5	1.2	1.4	1.1	0.7	−0.2	−1.2	−1.9	−2.5	−3.2	−3.5	−4.2	−4.6	−2.98
19	−5.1	−5.6	−6.2	−6.4	−7.2	−8.0	−7.8	−7.2	−6.7	−6.2	−5.3	−4.9	−2.6	−1.7	−1.2	−2.5	−3.6	−4.6	−5.2	−5.5	−5.9	−6.3	−6.3	−6.9	−5.37
20	−7.2	−7.2	−7.6	−7.2	−6.7	−6.2	−6.2	−6.0	−4.6	−2.3	1.0	2.9	4.0	5.2	4.4	4.0	2.5	−0.3	−1.2	−1.1	−2.2	−2.5	−2.9	−3.5	−2.12
21	−4.2	−4.3	−5.0	−5.1	−5.1	−5.2	−5.4	−4.5	−3.6	−0.5	0.9	1.8	3.5	3.4	4.2	3.3	2.5	1.1	0.6	0.1	−0.6	−1.3	−1.5	−2.3	−1.13
22	−2.9	−3.2	−3.7	−4.4	−5.2	−6.2	−6.4	−5.8	−3.8	−3.4	−1.1	0.2	1.4	0.3	−0.6	0.0	−0.9	−1.5	−2.1	−2.7	−3.1	−3.6	−4.2	−4.4	−2.80
23	−4.7	−5.2	−5.0	−5.2	−6.2	−5.7	−5.8	−4.9	−2.9	−0.2	1.5	3.8	5.0	5.8	5.3	5.0	3.4	0.7	0.5	0.4	−0.8	−1.1	−1.3	−2.9	−0.85
24	−4.4	−5.2	−5.4	−6.2	−6.5	−6.5	−6.8	−5.7	−2.6	0.4	2.2	5.0	7.3	8.4	9.0	7.6	5.3	3.4	2.5	0.5	−0.2	0.0	−2.3	−3.6	−0.16
25	−3.9	−4.2	−4.7	−5.1	−5.7	−6.0	−6.6	−4.7	−2.0	0.9	5.3	7.5	9.2	10.2	9.8	9.1	7.4	3.6	1.5	0.7	0.3	−1.2	−1.9	−2.7	0.70
26	−3.1	−3.2	−3.2	−4.0	−3.2	−3.3	−4.6	−3.5	−0.6	2.8	5.8	8.3	8.1	9.5	10.1	9.6	7.3	4.5	3.0	2.0	2.2	2.2	1.5	1.9	2.11
27	2.2	2.1	2.1	2.3	2.8	1.2	1.0	2.4	2.8	2.7	2.3	2.6	2.6	2.7	2.6	2.4	1.7	1.7	1.4	1.9	2.2	2.1	2.7	2.8	2.22
28	2.5	2.1	2.0	1.9	1.8	1.8	2.0	2.5	2.6	1.7	3.3	3.4	4.3	4.2	4.4	4.4	4.1	3.5	3.4	2.9	2.4	2.7	1.7	1.3	2.79
M.	−0.66	−0.86	−1.10	−1.33	−1.56	−1.75	−2.14	−1.69	−0.40	0.91	2.29	3.81	4.89	5.39	5.29	4.77	3.61	2.19	1.55	1.05	0.67	0.35	−0.09	−0.30	1.04

März 1913. **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.4	1.1	1.1	2.2	2.7	2.8	3.5	2.8	3.5	1.5	0.4	0.0	−0.2	−0.7	−0.9	−1.3	−2.1	0.85
2	−2.2	−3.2	−3.7	−4.4	−4.8	−4.9	−4.8	−3.5	−2.2	−0.9	−0.1	2.3	3.2	4.0	4.8	3.9	3.5	3.0	1.8	0.6	0.2	−0.3	0.1	0.7	−0.31
3	0.3	0.2	−0.4	−0.9	−1.0	−1.2	−1.2	−0.3	2.0	4.9	7.2	8.4	9.9	10.4	10.8	10.0	8.8	6.4	4.9	3.7	2.7	2.1	2.7	2.4	3.87
4	3.3	3.7	4.8	4.8	5.1	4.7	4.6	4.6	6.6	9.1	8.4	10.4	11.9	11.8	12.2	11.8	10.4	8.0	5.0	5.3	4.0	4.8	3.7	2.1	6.71
5	1.6	2.4	1.7	1.4	−0.1	0.3	0.4	2.6	6.0	9.5	10.9	12.1	12.6	13.1	12.0	11.0	10.4	8.0	6.3	5.6	4.0	4.6	3.7	1.9	5.92
6	1.5	1.1	0.8	0.2	−0.2	−0.3	−0.8	0.3	3.8	7.1	10.9	12.8	14.0	14.4	14.6	13.6	12.3	8.9	8.0	7.2	5.7	5.2	5.1	4.7	6.29
7	5.8	6.2	5.8	5.8	5.1	6.7	5.8	5.6	8.0	11.4	13.0	14.8	15.6	16.6	16.1	15.9	14.6	13.3	9.6	8.7	8.0	7.4	7.3	5.8	9.70
8	5.9	6.6	6.0	5.1	6.1	8.4	8.4	8.9	9.4	12.1	11.4	10.4	10.1	6.1	4.6	3.4	2.7	0.7	0.6	0.4	0.2	0.1	0.0	−0.2	5.31
9	0.0	−0.2	−0.8	−1.0	−0.6	−0.8	−0.8	0.8	3.1	5.5	3.2	2.2	3.8	4.2	5.2	2.0	2.7	1.4	−0.1	−0.5	−0.8	−1.0	−1.2	−1.7	1.05
10	−2.1	−2.3	−2.7	−3.1	−2.6	−2.1	−1.4	−0.8	0.4	1.8	4.8	6.3	7.3	7.5	8.8	7.5	6.2	5.1	4.6	3.8	3.8	3.6	2.9	3.5	2.53
11	1.5	1.4	1.0	1.1	0.7	−0.5	−0.3	1.7	4.6	8.1	10.6	12.6	13.4	14.7	14.8	13.9	12.7	10.0	8.1	7.6	6.8	5.7	4.8	4.5	6.65
12	4.6	3.0	3.1	2.7	2.1	1.2	1.4	2.5	7.5	10.8	13.0	14.1	14.8	15.3	14.2	13.1	12.4	10.7	10.4	9.3	8.1	7.1	4.8	4.1	7.93
13	3.8	3.6	2.7	2.0	1.5	1.4	2.4	3.6	7.8	12.6	13.8	14.3	14.7	14.0	12.8	12.4	12.1	10.9	9.7	9.4	8.6	9.6	8.9	7.6	8.34
14	7.4	6.6	5.6	4.4	3.6	3.2	3.2	5.3	8.6	12.0	13.7	15.2	15.2	16.0	16.5	16.0	13.6	11.6	9.4	7.9	6.8	6.1	5.6	5.4	9.12
15	4.8	5.3	4.3	6.1	5.8	7.4	6.7	9.4	11.6	12.8	12.6	13.6	10.8	10.4	9.3	9.3	9.5	9.0	8.4	8.3	8.2	6.6	5.6	5.0	8.37
16	3.6	2.3	1.7	1.2	0.7	−0.2	0.0	2.9	5.6	9.5	12.3	13.4	13.6	14.7	15.2	14.5	12.3	10.0	7.5	7.5	7.1	5.1	6.1	5.9	7.19
17	5.6	8.6	5.9	5.2	6.6	4.7	2.8	5.9	10.0	12.7	13.9	14.4	16.0	17.1	17.0	14.4	12.4	11.5	10.6	10.5	7.7	3.4	0.8	0.5	9.09
18	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.5	1.0	1.1	2.4	2.8	4.3	7.0	4.7	3.0	2.9	1.2	0.9	1.2	0.3	−0.5	−1.4	−2.0	1.33
19	−2.2	−2.4	−2.5	−3.3	−3.1	−2.7	−2.3	−0.5	2.5	4.3	5.9	6.5	6.2	6.4	6.8	7.2	7.1	7.0	7.5	8.1	8.1	8.5	8.3	8.9	3.78
20	8.6	9.2	9.7	10.6	10.8	11.0	10.8	10.6	11.6	11.8	10.1	10.8	11.0	10.3	9.8	11.0	11.9	10.7	11.7	11.5	10.8	9.3	9.6	9.6	10.53
21	9.6	9.9	10.2	8.6	8.9	8.7	8.6	9.4	9.4	9.0	9.0	9.2	9.2	9.5	8.5	8.9	8.2	8.0	7.9	7.8	7.8	7.9	7.8	7.7	8.74
22	7.3	6.8	6.7	6.6	6.6	6.2	6.4	7.4	10.6	12.3	15.2	18.0	19.9	20.2	19.2	20.7	19.6	16.3	15.2	14.1	13.2	12.1	12.1	11.9	12.69
23	12.5	12.0	11.5	8.3	7.4	7.1	6.0	5.7	6.4	7.7	8.6	8.7	8.1	7.7	8.3	7.8	7.2	6.6	6.6	6.6	6.2	6.1	5.8	5.3	7.67
24	4.8	4.3	4.1	3.1	2.6	2.6	2.6	2.4	2.6	2.8	3.2	4.3	5.1	5.4	5.0	5.5	5.2	4.6	4.2	4.1	4.0	3.8	3.5	3.6	3.89
25	3.4	2.6	2.7	3.0	3.0	3.0	3.5	4.1	5.2	5.7	6.2	7.0	8.8	9.7	10.0	9.2	7.9	6.6	5.1	4.9	6.2	6.3	6.0	5.5	5.65
26	5.3	4.8	4.6	3.4	3.6	3.6	4.2	5.0	6.2	7.3	7.8	8.0	9.9	11.2	11.5	11.6	10.3	10.0	8.8	8.3	7.8	8.4	8.2	6.3	7.36
27	6.9	6.8	6.6	6.6	6.8	6.9	5.9	7.8	9.2	10.6	10.6	11.9	13.0	12.4	10.7	11.6	11.1	9.2	7.3	7.0	5.4	4.5	4.1	3.6	8.18
28	3.1	2.8	2.4	2.4	1.6	0.7	1.5	4.1	5.6	9.9	12.0	14.2	15.8	16.4	17.1	16.1	15.3	13.7	10.6	10.2	9.4	11.5	9.7	8.5	8.94
29	7.8	7.7	9.5	7.3	5.8	6.3	6.1	7.5	9.1	10.2	12.5	13.9	16.3	16.4	16.6	17.0	15.3	14.0	12.7	11.9	11.6	11.7	11.1	10.3	11.19
30	9.8	9.4	9.7	9.4	9.4	8.8	9.2	11.0	12.1	15.9	18.4	21.1	22.0	21.6	21.4	20.2	19.0	18.1	16.2	14.4	16.6	15.8	15.7	16.2	15.06
31	13.7	13.3	12.9	12.5	12.3	14.3	16.7	17.8	18.5	18.8	20.9	19.9	22.0	22.4	21.3	19.4	15.8	13.0	12.0	10.7	10.2	10.0	10.3	10.2	15.37
M.	4.43	4.31	4.05	3.54	3.37	3.39	3.43	4.60	6.58	8.63	9.83	10.85	11.65	11.95	11.70	11.14	10.17	8.64	7.45	6.96	6.39	5.96	5.51	5.02	7.06

April 1913. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	9.5	7.4	7.0	6.8	6.1	5.8	5.6	5.3	5.0	5.1	5.2	4.8	5.0	4.9	4.7	4.7	4.5	4.5	4.3	4.1	4.3	4.2	4.3	4.4	5.31
2	4.4	3.8	3.6	3.9	3.8	3.8	4.2	4.8	4.8	5.7	6.1	6.2	5.1	5.4	5.7	5.0	4.2	4.0	3.7	3.4	3.4	3.3	3.1	3.0	4.33
3	2.9	3.0	2.9	3.1	3.1	3.2	4.0	4.6	5.6	5.8	7.4	10.5	10.6	11.6	11.2	11.0	10.0	8.4	7.0	6.3	5.2	4.4	3.7	3.5	6.21
4	2.9	3.0	3.1	2.8	2.2	2.4	3.1	5.6	7.1	10.8	13.6	14.8	18.0	20.0	19.2	18.2	17.2	14.5	12.5	12.7	9.4	8.5	9.0	8.0	9.94
5	7.1	6.7	6.1	5.6	5.8	5.8	6.2	8.3	10.0	11.1	10.6	11.1	12.6	14.6	14.9	14.8	12.8	10.9	9.7	8.3	6.6	5.9	5.1	4.8	8.98
6	4.1	3.3	2.8	2.4	2.2	2.1	3.6	6.2	9.8	12.1	11.8	14.0	15.1	16.2	16.6	15.8	14.8	12.8	10.4	10.7	9.6	8.6	7.7	7.7	9.18
7	7.9	7.7	7.0	6.6	7.0	6.0	6.9	9.1	9.5	10.2	12.0	12.8	14.5	14.3	15.0	12.8	13.1	11.3	10.1	9.2	8.0	7.4	6.7	6.5	9.65
8	6.5	6.6	6.7	6.7	6.5	6.3	5.2	5.1	5.0	5.8	5.7	6.0	6.4	6.3	5.7	5.5	5.2	4.8	4.2	4.0	3.6	3.6	3.5	3.3	5.34
9	3.2	3.1	2.8	2.7	2.3	2.2	2.3	2.4	3.6	4.5	4.6	5.5	4.6	5.4	4.9	4.8	4.1	3.9	3.6	3.5	3.4	3.4	3.2	3.0	3.62
10	2.8	2.2	1.0	0.9	1.2	1.4	2.0	3.7	5.0	5.6	6.2	7.7	8.9	9.4	8.2	7.4	6.8	6.1	4.8	3.7	3.4	3.7	3.9	3.5	4.56
11	3.0	2.9	2.7	2.6	2.5	2.6	3.0	3.9	5.2	6.3	8.1	7.3	7.4	8.1	6.2	5.4	5.7	4.8	3.6	2.5	2.0	1.3	0.9	0.3	4.10
12	0.2	0.1	0.2	0.3	0.2	0.4	2.5	4.7	2.8	3.4	4.6	6.7	5.4	5.0	2.0	0.1	−0.7	−2.1	−2.4	−2.8	−3.2	−3.6	−4.2	−4.7	0.62
13	−4.6	−4.8	−5.1	−5.5	−6.3	−4.4	−3.2	−3.9	−1.1	2.0	−2.0	1.5	1.9	0.6	−1.5	−0.3	0.2	−0.5	−2.4	−3.2	−3.4	−4.1	−4.9	−5.1	−2.50
14	−5.2	−5.6	−5.9	−6.1	−6.2	−5.7	−4.2	−2.2	0.6	2.0	1.3	4.3	1.9	3.7	4.7	4.9	3.4	1.3	−0.4	−1.1	−1.4	−2.1	−2.4	−2.9	−0.97
15	−3.1	−3.1	−3.9	−4.1	−4.2	−4.2	−2.8	−0.4	2.9	4.3	6.7	6.0	6.0	8.0	7.3	6.7	6.5	4.0	1.8	1.3	0.2	0.3	−0.5	−1.2	1.44
16	−1.3	−1.9	−2.6	−3.2	−2.9	−3.1	−1.0	1.5	4.8	8.2	9.8	11.0	12.6	14.2	13.8	13.4	12.1	11.1	10.7	10.6	10.5	9.8	9.5	10.3	6.58
17	10.4	9.2	8.6	8.7	8.8	9.4	8.9	8.5	9.1	8.8	9.5	10.3	10.3	11.2	10.8	11.5	9.2	7.2	7.8	7.6	6.9	6.3	7.7	7.2	8.91
18	7.0	7.0	6.3	3.6	4.2	4.3	4.5	5.4	6.2	7.7	10.0	10.4	12.2	13.2	12.9	12.7	10.2	8.0	6.9	7.9	8.4	8.2	7.9	8.0	8.05
19	7.9	7.8	7.3	5.8	5.5	6.3	8.4	9.8	9.6	9.5	11.0	10.9	11.0	10.2	9.9	9.7	9.6	9.0	8.3	8.2	8.1	7.7	7.4	7.3	8.59
20	7.2	7.4	7.3	7.4	7.6	9.2	8.8	9.0	9.7	9.1	9.1	10.0	11.0	11.4	12.3	13.0	13.3	11.8	8.2	6.6	6.0	6.3	5.0	4.1	8.78
21	3.6	3.3	2.7	2.4	1.9	2.9	3.6	6.4	7.9	9.0	10.4	12.2	12.5	14.8	16.7	15.4	14.4	13.5	11.8	10.8	10.2	9.5	8.1	7.5	8.81
22	6.9	6.6	6.3	5.9	5.6	5.9	8.1	11.3	13.8	16.6	17.1	18.0	18.6	20.0	20.4	19.2	17.5	16.0	14.6	13.6	13.2	12.5	10.7	10.4	12.87
23	8.5	7.3	6.8	6.9	6.2	6.8	8.7	10.1	12.0	12.3	14.7	16.1	15.0	15.2	15.6	15.8	15.0	14.0	13.1	12.6	12.2	11.1	9.2	8.6	11.41
24	9.1	9.3	8.8	8.8	7.8	8.6	9.4	12.5	15.5	16.1	16.4	15.4	15.1	17.2	16.8	16.6	17.3	13.2	10.6	11.4	10.7	10.3	10.0	9.8	12.36
25	9.2	9.7	9.2	8.8	9.1	8.8	10.7	11.8	13.2	14.7	16.1	16.1	17.2	18.0	17.4	16.4	15.4	14.5	12.9	12.0	11.9	11.9	11.2	11.0	12.80
26	10.1	10.3	8.8	9.4	9.6	9.9	11.3	12.6	13.9	14.1	16.3	16.5	17.8	17.4	19.2	19.5	19.3	18.2	15.0	13.8	13.0	11.3	10.4	9.9	13.64
27	9.4	8.4	7.9	7.5	7.6	8.1	9.6	11.9	15.5	17.0	20.0	21.9	22.4	24.0	20.6	19.3	21.0	18.7	15.5	15.3	15.3	14.0	14.4	12.6	14.91
28	12.0	11.6	11.5	11.3	11.4	11.1	11.8	16.1	17.6	18.3	19.8	21.7	20.9	21.5	19.9	19.4	19.1	17.8	15.5	15.1	14.6	14.1	13.3	13.2	15.78
29	13.0	12.6	12.8	12.5	11.3	12.7	14.6	15.9	18.8	20.4	20.0	22.2	22.8	23.3	24.1	23.6	23.0	21.5	19.5	16.5	15.5	15.7	14.7	13.7	17.53
30	12.9	12.3	11.7	10.2	10.8	11.8	13.0	16.1	20.8	21.4	22.5	23.9	24.3	25.9	25.8	25.7	25.1	22.6	19.0	17.5	16.6	14.7	12.9	13.4	17.95
M.	5.58	5.24	4.81	4.49	4.36	4.68	5.68	7.19	8.81	9.93	10.82	11.86	12.24	13.03	12.70	12.27	11.63	10.19	8.67	8.07	7.47	6.94	6.38	6.04	8.29

Mai 1913. **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	14.5	14.7	13.9	13.6	12.0	13.4	14.5	15.7	17.1	17.9	17.6	15.2	13.8	12.4	10.8	9.1	8.4	7.8	6.5	5.4	4.8	4.9	4.9	5.0	11.35
2	5.2	5.4	5.5	5.5	4.9	5.0	5.4	5.5	5.6	6.8	9.2	10.1	8.6	8.8	9.0	10.0	9.5	9.1	8.2	6.9	6.0	5.8	5.2	4.5	6.88
3	3.8	4.0	4.1	4.3	4.5	4.9	6.4	7.0	9.4	9.3	11.0	10.5	11.1	12.2	13.0	11.0	11.8	11.7	9.9	7.6	6.9	5.9	5.3	4.9	7.94
4	4.2	4.3	4.8	4.6	4.4	4.9	6.6	10.2	13.0	14.5	15.6	13.7	12.4	8.7	7.0	7.2	6.8	6.0	6.0	6.0	6.2	6.1	5.6	5.8	7.69
5	5.6	5.3	5.0	4.9	4.5	5.0	5.2	5.7	6.2	5.7	7.6	3.8	8.1	9.2	5.8	7.8	8.6	8.1	6.1	5.0	5.2	4.1	4.7	4.9	5.92
6	4.9	4.9	4.7	4.8	4.9	5.5	5.8	6.8	5.7	6.6	8.0	6.6	6.2	5.8	5.8	5.5	5.3	5.2	5.2	5.3	5.8	5.9	5.8	5.9	5.70
7	5.7	5.6	5.5	5.4	5.7	6.0	6.8	7.4	7.3	7.7	8.5	11.2	10.7	12.0	13.7	12.8	11.7	10.6	8.8	6.8	6.6	4.9	4.1	3.2	7.86
8	2.7	2.1	1.8	1.4	1.0	1.7	4.3	7.7	11.4	13.6	14.0	15.8	16.6	17.8	18.8	17.7	17.1	15.1	14.0	13.7	11.7	10.8	9.7	8.6	10.38
9	7.9	7.3	6.7	6.4	6.8	7.6	8.8	10.6	14.3	15.1	17.2	19.6	20.6	22.3	22.7	22.4	21.2	19.3	17.3	15.6	15.3	13.7	11.8	10.8	14.22
10	10.8	10.4	9.0	9.4	9.5	11.0	12.4	14.9	17.8	20.2	20.5	20.7	21.8	23.2	22.2	19.8	22.2	15.4	10.6	8.8	8.8	9.3	9.3	9.1	14.46
11	8.2	7.6	7.1	6.3	6.4	6.2	6.0	6.0	6.1	7.2	8.7	10.2	8.3	9.6	10.6	9.8	10.6	9.3	8.7	7.8	6.9	7.0	7.0	6.4	7.83
12	6.4	6.4	5.9	6.0	5.2	5.3	7.0	9.0	11.7	14.0	16.2	14.6	16.0	16.5	16.2	15.8	15.0	13.3	11.3	10.6	9.2	9.9	9.4	6.9	10.74
13	6.0	5.8	5.1	4.9	4.7	5.8	7.0	8.2	9.9	13.5	14.8	16.6	17.6	17.8	18.6	18.5	18.5	17.0	14.8	13.8	13.8	12.8	11.6	10.5	11.98
14	9.7	9.3	8.1	7.1	7.4	7.7	10.2	12.0	15.2	16.3	18.3	18.7	20.0	21.2	19.8	19.8	18.7	18.1	16.0	14.7	14.0	12.8	11.9	11.9	14.12
15	11.0	10.6	9.9	10.2	10.7	11.3	12.5	14.2	14.8	15.7	18.0	18.5	18.8	18.8	18.4	18.7	18.2	18.3	16.5	15.7	15.2	13.7	12.8	12.1	14.78
16	12.8	12.6	13.0	11.3	11.3	11.5	13.6	17.6	20.0	21.2	22.6	23.3	24.0	24.4	25.9	25.4	23.4	21.1	19.0	18.5	17.3	15.9	14.8	13.3	18.07
17	12.9	12.6	12.2	11.9	10.7	10.8	12.0	12.9	14.1	16.4	18.8	20.1	21.0	20.8	19.0	12.8	13.2	13.4	12.2	11.9	11.4	12.2	12.0	12.3	14.07
18	12.4	12.5	12.3	12.0	12.3	12.5	12.4	14.5	14.4	14.8	13.8	14.8	14.0	12.2	12.3	13.6	14.5	10.7	10.3	10.1	9.6	9.3	9.2	9.5	12.25
19	9.4	9.3	8.2	7.9	7.6	7.5	7.8	7.8	7.7	8.1	8.6	8.6	8.6	7.8	9.6	10.2	9.6	9.4	8.3	6.2	5.5	6.0	4.8	5.0	7.90
20	4.7	4.0	4.4	4.2	4.9	4.8	6.9	8.6	9.7	11.8	11.7	14.3	15.0	14.8	13.0	14.5	12.2	12.1	10.3	7.7	7.0	6.7	6.3	5.5	8.96
21	5.1	4.0	3.9	3.0	2.9	4.2	6.6	10.2	12.0	15.4	15.3	17.6	17.2	18.1	17.5	17.9	17.5	15.5	13.5	12.2	11.8	9.8	8.8	7.8	11.16
22	6.6	5.7	5.2	4.9	4.8	6.0	9.0	12.2	16.4	19.1	18.8	15.4	18.8	14.0	16.7	16.6	15.3	13.6	12.8	12.4	11.9	11.8	11.0	10.5	12.06
23	9.9	9.2	9.0	8.7	8.7	9.6	10.8	12.5	13.6	14.4	14.5	14.7	14.2	13.5	14.6	14.5	14.5	12.8	12.0	11.4	11.0	11.0	11.0	10.9	11.96
24	10.9	11.1	11.0	11.0	11.0	11.4	11.2	11.3	12.6	15.0	15.5	15.4	18.6	14.0	14.2	15.8	16.3	15.5	14.3	12.8	12.2	10.8	10.2	10.0	13.00
25	9.4	8.8	10.0	8.3	8.6	10.3	12.3	14.9	17.9	20.0	20.8	21.8	22.5	22.5	22.9	22.8	22.2	19.8	18.1	15.8	15.6	13.8	14.2	12.6	16.08
26	11.3	10.9	10.3	9.9	10.0	10.5	13.1	16.6	19.4	21.4	23.9	24.5	25.6	26.1	25.9	25.8	25.6	23.5	20.3	18.7	18.6	18.1	16.8	15.8	18.44
27	15.3	14.3	13.7	13.2	13.8	14.5	16.6	20.0	22.7	24.3	25.7	26.3	26.4	27.0	27.7	25.6	23.8	22.0	21.3	20.4	19.1	16.1	17.4	18.3	20.23
28	16.7	15.7	15.0	14.7	15.3	15.3	13.8	13.9	16.1	20.1	22.4	23.3	24.1	23.4	24.5	22.5	22.3	20.9	19.2	16.3	16.2	15.1	13.7	13.3	18.08
29	13.2	12.4	12.0	11.1	11.3	13.7	15.0	17.8	20.3	23.3	24.6	25.8	27.0	27.5	28.5	28.0	27.0	24.8	20.9	19.3	18.0	17.7	16.5	15.8	19.67
30	14.4	14.5	14.7	15.0	15.2	15.5	17.4	20.8	24.8	27.0	27.0	27.8	28.8	23.8	21.2	19.8	18.1	18.9	18.3	16.3	15.0	13.9	13.2	12.9	18.93
31	13.3	13.4	13.2	13.3	13.9	15.1	16.1	20.2	22.0	24.5	25.5	26.1	26.6	28.4	28.1	25.1	20.4	20.1	18.2	16.2	15.6	14.9	14.0	13.5	19.07
M.	9.19	8.86	8.56	8.23	8.24	8.85	10.11	12.02	13.85	15.50	16.60	16.95	17.50	17.25	17.21	16.67	16.11	14.77	13.19	11.93	11.36	10.67	10.10	9.60	12.64

Juni 1913. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	13.1	12.6	12.4	12.1	12.3	12.9	15.4	17.5	20.6	21.9	24.0	26.0	27.4	24.7	22.4	23.0	20.7	17.6	16.5	16.1	16.0	15.5	14.8	14.1	17.90
2	14.1	13.2	12.8	12.8	13.0	13.8	14.9	17.0	19.4	21.0	19.9	21.0	22.2	22.8	23.0	23.9	23.8	21.7	19.8	18.0	17.8	17.1	17.1	16.6	18.20
3	16.2	16.0	16.6	15.9	16.5	17.1	18.0	20.1	20.6	23.5	25.4	26.5	27.6	28.5	28.5	28.1	27.8	25.5	23.1	21.3	20.2	18.2	17.1	16.5	21.45
4	16.1	15.0	14.3	14.1	14.2	15.9	16.3	17.8	20.6	22.3	22.8	25.4	24.8	22.2	20.7	20.2	19.9	18.5	15.4	15.0	14.1	13.4	12.6	12.9	17.69
5	13.4	13.1	12.0	11.6	11.2	11.8	14.0	15.6	19.4	20.5	22.3	24.0	23.4	21.6	19.3	15.9	17.6	16.6	15.4	15.1	14.5	14.3	13.6	13.6	16.24
6	13.6	13.5	13.3	12.9	12.9	11.4	11.0	11.3	12.5	12.9	12.2	12.9	11.7	11.5	12.2	11.4	11.5	10.9	10.7	10.4	10.6	9.7	9.3	8.8	11.63
7	8.6	8.5	8.4	7.4	7.4	9.0	10.6	11.5	12.6	14.8	17.1	15.1	16.4	18.0	19.3	17.7	17.8	15.6	14.6	12.5	11.4	10.4	9.0	8.6	12.60
8	8.9	8.9	7.6	7.4	7.4	8.4	10.6	13.4	17.7	18.9	19.8	21.3	22.5	23.0	24.2	23.9	23.9	21.1	20.0	17.3	16.6	15.3	15.6	15.2	16.20
9	14.6	14.2	14.4	14.4	14.6	15.0	15.3	15.6	15.8	16.0	15.9	16.7	17.2	18.2	17.7	18.5	18.3	17.7	16.8	16.3	16.2	15.6	15.4	14.9	16.05
10	14.6	14.2	13.7	13.4	13.4	13.5	14.4	16.0	18.6	20.1	21.7	22.8	23.2	24.3	25.5	25.6	24.9	21.4	20.0	18.3	17.8	17.3	17.9	15.4	18.67
11	17.3	17.3	15.5	13.6	14.5	14.4	17.1	16.5	16.8	16.1	17.8	17.4	19.4	20.8	20.2	20.4	20.2	17.9	17.5	16.9	16.4	16.0	16.0	15.6	17.15
12	15.6	15.7	15.7	15.5	15.5	15.8	16.6	16.3	16.2	17.7	17.7	19.2	19.4	16.8	16.5	16.1	15.0	14.0	13.1	11.3	10.8	10.4	10.1	9.8	15.03
13	9.7	9.8	9.9	10.1	10.0	10.8	11.3	12.0	13.6	14.5	16.4	15.9	17.2	18.5	17.7	17.7	18.4	17.0	16.1	15.4	15.2	14.8	14.3	14.3	14.17
14	13.8	12.6	12.5	11.8	10.7	12.3	13.8	15.3	16.4	18.2	19.0	20.0	20.7	21.9	21.3	20.4	19.8	18.1	16.5	15.3	13.9	13.0	12.0	11.1	15.85
15	9.4	8.3	7.4	7.4	7.5	8.5	10.3	13.0	14.7	19.1	21.2	21.9	22.6	24.0	25.0	24.3	23.8	21.8	20.4	18.7	17.7	15.7	14.5	13.0	16.26
16	12.3	11.3	10.6	10.0	10.3	11.5	13.4	15.8	19.0	21.7	23.0	23.9	25.3	27.6	27.3	26.7	25.8	23.0	22.5	19.4	18.5	17.7	16.3	14.9	18.66
17	14.1	12.7	12.2	12.0	12.2	13.0	15.4	18.0	21.3	23.8	26.2	27.0	28.2	28.6	29.8	26.4	25.5	24.6	22.6	20.6	18.2	17.4	16.8	16.7	20.14
18	15.4	14.8	14.7	14.1	13.9	15.5	17.6	19.8	22.7	25.0	25.9	27.3	25.6	26.8	27.8	28.2	28.0	24.3	22.7	20.0	19.2	19.2	18.6	18.0	21.05
19	17.7	17.2	16.5	16.1	16.5	18.5	17.4	17.7	18.6	21.6	22.4	24.0	23.8	19.0	22.8	20.4	17.8	18.3	17.9	17.2	16.8	15.3	15.0	15.2	18.49
20	14.9	14.9	14.5	13.8	13.3	13.2	13.6	14.4	14.2	13.7	14.6	15.2	16.0	15.5	17.2	16.0	14.1	13.9	13.5	12.4	11.5	10.8	10.4	9.9	13.81
21	9.6	9.4	9.4	9.5	9.6	10.0	10.6	12.1	13.0	14.0	11.0	15.5	14.0	12.0	13.0	13.6	14.3	12.6	11.6	10.8	10.3	9.8	9.9	9.9	11.48
22	9.9	10.0	10.1	9.4	9.4	9.5	10.7	11.4	12.8	11.4	13.4	12.9	11.8	11.6	11.5	11.1	11.7	11.7	11.3	11.1	10.8	10.6	10.3	10.4	11.03
23	10.4	10.4	10.4	10.4	10.1	10.6	11.9	14.0	15.9	16.4	18.7	19.8	19.6	19.7	20.0	20.9	20.0	17.6	16.6	15.0	13.8	12.6	11.5	11.3	14.90
24	11.0	11.2	11.2	11.3	11.7	13.6	14.1	15.9	17.0	21.2	22.9	22.3	19.1	19.9	16.0	19.8	18.9	17.6	17.0	16.1	15.4	15.1	14.9	14.3	16.15
25	13.6	13.9	13.7	13.2	12.5	12.3	11.8	11.4	12.4	12.6	12.0	11.2	11.4	11.0	11.0	10.5	10.4	10.6	10.4	10.1	9.8	9.4	9.5	9.2	11.41
26	9.0	8.7	8.9	9.0	9.1	9.4	10.1	10.3	11.9	13.8	12.8	15.8	16.2	12.8	14.5	12.9	12.0	11.9	11.3	11.1	11.4	10.7	9.8	10.1	11.40
27	10.2	10.2	10.0	9.8	9.4	11.0	12.2	13.3	13.2	12.6	12.2	12.3	12.0	15.0	11.0	13.6	14.0	12.8	12.3	11.5	11.0	10.3	10.4	10.4	11.70
28	9.4	9.3	9.3	9.2	9.4	9.4	8.2	10.4	12.5	14.4	11.8	14.5	12.6	13.5	13.2	13.8	13.0	12.7	11.7	10.6	10.8	10.3	10.6	10.8	11.31
29	10.5	10.5	10.5	10.4	10.7	10.8	11.0	11.3	11.1	11.5	12.3	15.2	13.8	13.2	13.4	14.3	14.7	14.9	15.3	15.0	15.2	14.4	13.8	13.0	12.78
30	11.4	11.6	11.3	11.0	10.9	11.3	12.2	13.7	13.6	14.0	15.7	17.1	17.1	19.1	20.1	18.1	18.7	16.0	15.0	13.2	12.2	11.2	9.4	9.1	13.88
M.	12.61	12.30	11.99	11.65	11.67	12.32	13.33	14.61	16.16	17.51	18.27	19.34	19.41	19.40	19.40	19.11	18.74	17.26	16.25	15.07	14.47	13.72	13.22	12.79	15.44

Juli 1913. Stündliche Lufttemperaturen. $h_t = 1.8^m$. Zürich.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	8.0	7.0	6.4	6.2	6.5	8.0	10.1	12.1	15.6	16.4	18.5	19.8	19.4	20.4	20.2	20.0	19.4	17.5	16.8	14.5	13.4	12.4	11.0	10.4	13.75
2	9.9	9.4	9.4	8.8	9.2	10.7	11.9	13.8	14.6	17.4	18.7	20.0	19.2	21.2	21.6	19.2	19.6	18.3	16.9	14.8	14.2	14.0	12.5	12.4	14.90
3	12.3	12.0	11.7	11.4	11.3	11.3	11.8	12.1	13.3	13.5	14.7	17.6	16.3	16.8	16.8	18.6	17.9	16.5	16.0	14.9	14.0	13.3	12.1	10.9	14.05
4	10.4	9.1	8.9	9.2	10.0	11.2	13.0	14.5	15.6	19.4	17.8	20.0	18.0	18.4	17.7	19.0	19.5	17.6	16.8	15.6	14.6	14.5	14.2	13.4	14.93
5	12.8	12.8	12.3	12.3	12.6	13.3	14.1	15.4	16.9	18.7	16.8	17.8	17.2	19.6	19.6	18.0	18.2	17.1	16.6	16.0	15.8	15.5	15.0	14.9	15.80
6	14.8	14.5	13.8	13.5	13.6	13.6	13.8	14.7	14.5	14.8	13.9	14.6	15.6	14.8	15.8	17.6	18.0	16.1	14.0	13.6	13.5	12.8	12.9	13.4	14.51
7	13.2	12.5	12.2	11.9	11.9	12.1	12.3	12.8	13.2	14.4	16.3	15.2	15.2	14.3	15.2	15.6	15.1	14.5	13.2	12.0	12.4	12.4	12.2	12.0	13.42
8	12.0	11.1	11.0	11.0	10.7	11.8	12.2	12.6	14.2	14.5	14.7	11.8	13.4	14.9	14.3	13.1	10.5	10.3	10.2	10.1	10.0	9.9	9.8	9.7	11.83
9	9.2	9.1	9.0	8.9	9.0	9.3	10.2	10.7	11.6	12.0	12.4	13.1	14.0	15.4	16.0	14.6	14.7	13.6	12.4	11.0	10.4	8.9	8.6	8.2	11.35
10	8.2	8.2	7.5	7.2	7.3	8.8	10.3	12.5	14.3	14.9	13.1	12.7	12.8	12.4	12.2	13.2	12.5	11.7	11.3	11.2	10.8	10.3	9.9	9.9	10.97
11	10.7	10.6	10.2	10.1	10.2	10.2	10.6	10.9	10.9	11.2	14.7	13.4	12.0	12.5	14.3	14.3	12.9	12.0	11.8	11.0	11.0	10.9	10.8	10.9	11.59
12	11.0	10.7	10.5	10.7	10.7	10.9	11.3	12.7	12.8	14.2	17.0	17.6	19.2	20.1	20.1	19.8	19.5	18.0	16.2	14.0	13.4	12.6	12.0	11.7	14.45
13	10.8	10.0	9.5	9.3	9.6	10.0	12.0	13.7	18.2	20.5	22.1	22.9	23.8	24.0	25.7	25.3	24.7	22.0	18.9	16.4	14.8	14.4	14.0	13.8	16.93
14	13.1	12.6	11.3	10.8	10.9	11.8	14.7	17.3	21.3	23.4	25.7	27.0	27.4	26.9	24.9	24.5	26.9	24.0	21.0	20.9	20.0	18.8	18.1	18.6	19.66
15	16.8	15.2	15.3	14.8	15.0	13.9	15.6	16.8	17.2	14.6	14.6	15.1	16.6	15.8	15.4	15.0	14.0	13.8	13.5	13.3	12.8	12.3	12.0	11.9	14.64
16	11.9	11.5	11.0	10.9	10.8	10.9	11.8	12.7	12.8	14.4	16.0	15.3	13.0	17.1	13.6	12.8	15.2	13.7	12.7	11.8	11.7	11.4	11.3	11.3	12.73
17	11.1	11.2	11.2	10.8	10.6	10.7	11.6	12.5	13.5	13.8	13.6	13.5	13.4	13.6	14.5	14.3	13.8	13.9	13.6	12.6	12.8	12.2	12.0	11.2	12.58
18	11.0	10.5	10.3	9.9	10.2	11.2	12.2	15.3	16.6	19.0	19.5	20.5	20.0	18.0	18.4	18.5	18.0	16.9	15.2	14.8	14.6	14.4	14.5	14.4	15.16
19	14.0	13.5	13.3	13.1	13.4	13.6	14.4	15.2	15.9	17.6	19.0	19.2	18.6	16.6	19.1	17.6	17.6	17.1	16.3	14.7	13.8	13.7	13.6	13.5	15.60
20	13.6	13.5	13.4	13.1	13.2	13.3	13.7	14.1	16.6	17.3	18.1	19.6	18.4	18.3	18.8	15.9	15.1	14.6	14.4	13.8	12.2	11.0	11.4	12.4	14.83
21	11.2	10.6	10.8	10.2	9.9	10.8	11.8	12.8	15.4	17.4	18.1	18.8	19.4	21.0	19.3	20.2	17.8	17.1	16.3	14.8	14.5	14.2	13.8	12.9	14.96
22	12.8	12.6	12.2	11.7	11.8	12.5	13.8	16.2	17.6	20.5	18.0	19.2	19.5	18.0	19.0	18.4	19.5	17.8	16.5	15.7	14.8	12.1	12.6	13.0	15.66
23	12.7	12.1	11.3	11.2	11.5	11.9	12.4	11.9	13.4	15.0	12.8	12.6	12.9	13.1	13.2	12.0	11.7	11.3	10.9	10.7	11.0	10.9	10.7	10.9	12.00
24	10.9	11.3	11.2	10.6	10.3	10.2	10.3	11.7	12.8	12.0	13.4	13.4	15.2	15.0	14.8	13.7	13.6	12.7	12.1	11.8	11.7	11.6	11.4	11.3	12.21
25	11.2	11.0	11.1	11.0	11.4	12.0	12.2	13.6	14.8	17.7	19.8	21.0	21.8	21.8	22.4	21.9	20.8	18.3	16.1	15.7	15.0	14.1	12.9	12.0	15.82
26	11.4	10.5	9.9	9.7	9.8	10.6	12.3	15.0	17.4	18.6	20.6	22.4	23.2	24.6	25.0	24.8	24.6	22.0	18.3	16.1	15.5	15.7	15.0	14.6	16.98
27	14.7	14.0	13.0	12.8	12.2	13.2	14.8	16.4	19.3	22.4	24.4	25.6	26.0	26.2	27.1	23.4	20.0	16.6	16.4	15.7	14.5	13.6	13.2	12.4	17.83
28	12.0	11.9	11.2	10.9	11.3	11.8	14.0	15.4	18.5	20.7	21.9	24.2	24.6	23.0	24.1	25.2	25.0	23.1	20.0	17.3	16.2	15.6	14.7	14.4	17.79
29	13.9	13.4	13.0	12.8	12.2	12.8	14.8	16.9	20.4	23.1	24.3	25.1	26.0	26.9	27.3	27.0	25.7	23.8	21.7	19.1	19.0	18.4	17.1	16.5	19.63
30	15.4	13.7	12.9	12.3	11.9	12.5	14.3	15.4	17.6	20.4	19.8	22.2	24.5	24.1	25.1	24.5	23.8	21.6	20.0	18.0	17.4	17.3	17.0	15.9	18.23
31	14.7	13.6	13.1	13.0	13.0	13.6	14.4	15.3	18.0	20.6	21.7	22.1	22.9	23.8	24.3	23.1	22.4	21.2	18.4	16.5	15.3	14.9	14.2	13.8	17.66
M.	12.12	11.60	11.22	10.97	11.03	11.56	12.67	13.97	15.64	17.11	17.81	18.49	18.69	18.99	19.22	18.75	18.32	16.93	15.63	14.46	13.91	13.36	12.92	12.66	14.92

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Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	13.6	12.4	11.6	10.9	10.4	10.9	13.4	14.5	17.6	19.3	20.6	21.4	21.6	22.1	22.8	22.5	21.9	20.0	17.4	15.5	14.2	14.8	13.8	12.4	16.48
2	10.9	10.9	10.8	9.9	9.7	10.0	12.5	14.3	18.2	20.1	22.0	22.8	24.4	24.2	23.9	23.7	23.0	21.1	17.7	15.9	15.4	16.7	16.5	15.9	17.10
3	15.2	13.8	12.1	11.9	11.3	12.0	13.6	14.9	17.0	19.5	21.2	23.6	25.1	25.0	25.9	25.4	23.7	22.9	20.2	18.6	16.4	16.7	14.7	15.2	18.16
4	13.8	12.8	12.3	11.8	11.7	12.4	15.0	17.0	20.2	22.5	23.4	24.5	27.0	26.2	27.3	26.6	25.5	24.0	20.3	18.0	16.4	15.8	16.7	15.7	19.04
5	15.0	14.8	14.1	14.7	14.4	14.9	16.6	19.2	22.3	24.3	25.3	26.2	22.8	25.8	25.4	26.1	25.1	23.6	19.4	17.7	17.2	16.8	15.2	14.8	19.65
6	15.7	15.2	15.0	14.6	14.5	14.2	14.8	16.3	18.6	21.7	20.8	16.2	15.4	16.2	16.0	15.7	15.6	15.2	14.8	13.8	13.4	13.2	13.1	12.9	15.54
7	12.8	12.8	12.7	12.5	12.4	11.4	11.8	12.8	14.7	15.5	15.2	15.0	17.2	17.9	16.5	17.1	16.2	15.7	15.3	14.6	12.4	12.1	11.7	10.8	14.05
8	10.1	9.8	8.8	8.5	8.6	9.3	10.5	12.0	14.6	15.9	17.2	17.5	18.4	19.8	18.9	19.5	17.9	16.8	14.3	13.5	13.3	11.7	11.8	11.5	13.76
9	10.8	10.8	10.8	10.7	10.6	10.8	11.8	11.4	12.3	12.7	15.3	14.3	12.2	12.5	13.0	12.7	14.6	12.9	12.1	12.2	11.9	11.4	11.9	12.3	12.17
10	10.5	10.1	9.8	9.7	10.5	10.1	10.6	10.7	11.9	14.0	15.6	12.3	10.8	10.5	12.1	14.1	15.6	12.5	12.0	12.0	11.4	10.9	10.2	10.0	11.83
11	10.2	9.8	9.1	8.7	8.6	8.9	10.1	11.8	15.6	18.4	19.7	20.8	21.7	22.4	22.2	22.0	20.3	19.3	16.0	15.0	14.8	14.4	14.1	14.2	15.84
12	14.0	13.9	13.7	13.7	13.5	13.7	13.8	14.1	15.3	18.2	17.5	17.4	17.6	18.2	17.4	17.2	17.2	16.6	15.2	14.8	14.8	14.5	14.3	13.9	15.44
13	14.0	14.1	14.1	13.9	13.6	13.7	14.2	15.0	16.2	17.9	16.1	17.6	19.4	18.3	17.9	17.2	16.5	15.8	14.6	14.0	13.5	12.7	12.3	11.4	15.17
14	10.8	10.6	11.1	11.3	11.3	11.3	11.7	11.8	11.7	11.8	11.7	11.7	11.8	11.9	12.2	12.2	12.1	11.9	11.9	11.9	12.0	12.0	12.1	11.9	11.70
15	11.9	11.9	11.9	11.5	11.2	11.2	12.4	12.6	15.2	16.2	14.2	17.8	16.5	16.4	16.0	17.4	15.9	15.2	13.2	12.1	12.0	11.6	11.7	10.6	13.61
16	10.0	9.2	9.0	9.2	9.0	9.2	11.0	12.2	14.9	16.9	17.6	17.7	20.5	16.6	17.5	19.0	18.2	17.1	13.7	12.2	12.0	12.0	10.5	10.2	13.56
17	9.6	9.2	9.1	8.4	8.0	8.1	9.0	11.3	14.7	18.5	19.7	20.3	21.2	22.5	21.9	21.9	20.7	19.2	15.6	13.4	13.2	12.3	11.9	10.9	14.61
18	10.6	10.0	9.8	9.4	9.6	9.7	11.4	12.1	15.6	18.6	21.0	20.4	19.8	22.0	22.9	22.2	20.8	20.2	18.0	16.7	16.2	15.2	14.2	13.6	15.83
19	13.1	12.6	12.4	12.3	12.5	12.9	14.4	16.4	19.4	22.5	24.2	25.4	22.4	19.7	18.8	19.4	19.5	18.7	17.8	17.6	17.0	16.2	15.9	15.5	17.36
20	15.2	14.6	14.5	14.6	14.7	14.5	15.4	16.6	18.0	18.5	18.9	18.7	18.6	20.1	19.1	16.6	17.2	15.7	15.5	15.4	15.2	14.0	13.7	13.5	16.20
21	13.4	13.1	12.8	12.9	12.8	12.9	13.8	14.9	15.8	17.0	19.8	17.4	19.1	21.2	21.1	21.0	20.2	17.4	16.0	15.4	14.6	14.1	13.5	13.1	15.97
22	12.1	11.7	10.9	10.3	10.1	10.5	11.6	13.2	16.6	19.6	21.6	22.0	22.1	23.7	22.9	22.2	22.8	20.2	16.3	14.7	13.8	13.2	12.5	11.8	16.10
23	11.0	10.7	10.5	9.9	9.6	9.9	11.4	13.2	16.6	20.1	23.0	24.3	25.6	26.6	26.5	26.8	25.5	24.1	20.2	18.2	17.4	16.8	16.4	15.6	17.91
24	15.6	15.2	14.5	14.0	14.3	14.1	15.8	17.3	20.8	23.5	24.9	26.4	27.1	24.3	20.4	18.8	20.6	19.5	17.8	17.6	16.6	16.7	16.1	16.3	18.68
25	16.7	16.8	16.5	16.2	16.1	16.3	16.4	17.2	18.9	18.9	21.0	21.6	22.2	23.3	24.3	24.1	22.8	20.7	17.2	16.7	16.0	14.9	14.0	13.4	18.43
26	12.5	12.1	11.7	10.9	10.6	10.9	12.4	13.7	17.3	19.9	21.2	21.6	23.9	24.2	24.5	23.9	23.2	20.8	18.9	18.2	17.5	16.0	14.8	13.3	17.25
27	12.5	12.2	11.4	11.0	10.7	11.0	13.2	14.5	16.8	20.4	20.8	22.9	22.4	23.4	24.4	24.2	22.8	20.5	19.1	17.5	16.4	15.2	14.7	14.1	17.17
28	13.3	12.6	12.1	11.9	11.2	11.4	12.8	15.0	18.4	21.3	22.6	25.0	24.7	25.5	25.8	26.1	24.5	21.2	19.7	17.5	16.7	15.9	15.5	15.4	18.17
29	14.6	14.4	14.1	13.5	13.0	13.2	15.0	16.0	19.3	22.1	22.6	25.5	26.8	27.8	27.7	25.0	22.9	22.5	21.9	20.6	20.2	20.0	19.5	18.9	19.88
30	18.2	17.5	17.7	17.4	17.5	16.8	17.0	16.8	17.2	16.6	21.0	23.5	22.0	21.1	19.7	20.7	18.7	17.5	16.5	16.0	15.1	15.1	14.8	14.3	17.86
31	13.8	14.1	13.7	13.0	12.9	13.8	15.2	15.6	18.5	19.3	21.4	22.5	23.8	24.2	24.3	24.0	23.2	20.4	17.6	17.3	16.0	16.7	16.7	15.7	18.07
M.	12.95	12.57	12.21	11.91	11.77	11.94	13.18	14.34	16.78	18.76	19.91	20.46	20.78	21.28	20.95	20.82	20.15	18.68	16.65	15.63	14.94	14.50	14.03	13.52	16.20

September 1913. **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	14.6	14.1	14.2	13.6	13.0	13.1	14.8	16.6	18.8	22.6	22.9	24.8	25.4	22.7	25.1	23.0	21.4	18.9	18.4	17.5	16.4	15.4	13.9	13.6	18.12
2	13.0	12.4	13.0	13.2	13.1	13.8	14.6	15.8	17.4	17.5	20.7	22.7	24.2	24.7	22.8	22.2	22.4	20.7	17.7	16.7	16.0	15.2	14.8	14.2	17.43
3	14.1	13.7	13.2	13.1	13.1	12.6	13.5	15.6	18.2	21.5	23.8	25.2	26.3	25.8	25.4	25.8	23.7	21.7	19.3	18.1	17.3	16.8	15.8	15.4	18.71
4	15.1	14.5	14.2	13.8	13.7	13.7	14.7	16.4	17.8	21.6	22.3	23.4	24.2	25.7	25.0	24.2	21.9	20.4	20.3	20.1	19.7	18.3	15.5	15.0	18.81
5	13.9	14.4	14.7	14.8	15.0	15.2	15.4	16.4	17.0	18.4	18.3	19.2	19.8	18.1	16.1	17.1	17.0	16.8	16.6	16.5	16.7	16.7	16.4	16.6	16.54
6	16.5	16.3	15.9	15.1	14.9	15.4	15.6	16.3	17.4	18.2	21.1	21.5	21.2	22.0	22.8	22.2	20.8	18.7	16.1	16.0	16.0	14.7	13.9	12.9	17.56
7	12.8	12.1	12.1	12.2	12.6	12.4	13.1	13.8	14.4	14.6	14.9	15.8	17.1	18.3	17.4	17.4	16.9	16.4	16.0	15.8	15.4	14.6	14.1	14.0	14.74
8	13.8	13.2	12.8	12.4	12.6	12.8	13.0	13.5	14.3	15.2	15.3	17.1	17.1	17.8	18.5	17.2	16.6	15.6	14.4	14.0	13.6	13.8	13.9	13.9	14.68
9	13.9	14.0	13.8	13.9	14.1	14.4	15.4	15.8	16.4	17.2	18.5	21.2	22.1	23.2	24.0	23.4	21.0	19.4	18.7	17.7	16.3	16.2	15.8	15.6	17.58
10	15.7	14.9	14.8	14.7	14.2	14.2	13.9	13.7	12.0	11.6	11.4	10.9	10.2	10.6	10.9	10.6	10.5	9.8	9.7	9.5	8.6	8.2	7.4	7.0	11.46
11	7.7	7.4	8.0	7.9	7.0	6.6	7.2	7.4	7.6	11.4	13.8	14.8	16.0	16.6	16.3	15.8	14.8	13.2	11.9	11.2	10.5	9.8	8.5	7.8	10.78
12	7.3	6.2	6.0	5.4	5.0	5.1	6.8	7.7	9.1	9.9	12.2	15.2	16.2	18.0	18.8	18.2	16.9	13.8	11.8	10.9	10.5	10.0	10.0	10.4	10.89
13	9.9	8.9	8.6	8.9	9.3	9.9	10.8	11.6	13.2	17.0	18.4	21.4	20.4	20.5	21.6	17.1	16.6	14.6	13.8	12.8	12.1	11.5	11.0	11.2	13.78
14	11.6	10.9	11.4	11.3	11.5	12.0	13.2	14.2	16.8	19.0	20.7	22.4	22.0	22.6	21.7	19.9	18.0	12.4	12.7	12.6	13.2	13.4	13.3	13.2	15.42
15	13.1	12.5	12.3	12.0	11.8	10.9	11.2	11.8	10.9	13.3	15.6	14.8	13.9	12.0	11.3	11.0	10.8	10.7	10.4	10.1	9.9	9.2	9.1	9.2	11.58
16	8.3	7.6	7.2	7.4	6.3	6.0	7.6	9.5	9.5	11.2	14.6	15.7	17.5	18.5	17.3	16.5	15.5	13.2	12.8	12.7	12.4	11.2	10.9	11.5	11.70
17	11.4	11.1	10.2	10.7	11.0	11.0	11.6	11.3	11.2	12.2	15.6	15.8	16.0	18.7	17.4	16.7	15.1	13.1	11.8	11.7	11.6	10.8	9.7	9.3	12.71
18	9.6	9.7	9.6	9.2	9.1	9.2	10.4	10.9	12.4	12.8	14.1	13.4	14.0	14.4	13.7	13.4	13.0	11.9	11.4	11.3	11.2	10.7	10.7	9.7	11.49
19	9.5	9.6	9.8	9.8	9.0	9.3	9.7	9.8	10.8	14.9	16.2	16.7	17.8	17.1	17.7	16.8	16.3	13.4	11.0	10.5	10.5	9.8	9.3	9.9	12.30
20	10.3	8.9	8.5	7.8	7.5	8.2	8.8	10.5	13.5	16.6	16.9	17.3	18.2	18.5	17.5	15.6	14.4	11.6	11.1	10.7	10.3	10.4	10.7	11.0	12.28
21	10.6	10.6	10.3	9.9	10.0	9.9	10.4	10.7	11.2	11.8	12.1	13.1	12.1	13.4	11.4	13.8	11.7	10.1	9.5	9.1	9.8	9.9	9.8	9.7	10.87
22	9.2	8.9	8.7	8.3	8.6	8.9	9.6	10.3	10.7	11.5	13.5	14.7	14.9	15.0	15.6	14.5	13.6	11.5	9.8	10.0	9.6	9.5	8.9	8.5	11.01
23	8.2	8.9	8.7	8.5	8.6	8.5	9.2	9.9	10.7	11.7	12.1	12.6	13.0	13.6	13.4	13.2	12.3	11.2	10.9	10.9	10.6	9.7	8.2	7.8	10.52
24	7.5	8.3	7.7	7.8	7.0	7.7	8.4	9.5	9.8	10.8	14.8	16.0	16.5	18.0	17.8	17.4	15.6	13.4	11.8	10.5	10.0	9.6	9.0	8.5	11.39
25	8.6	8.8	9.2	9.0	8.9	9.1	9.5	10.3	10.5	11.6	12.9	13.9	15.5	17.3	17.4	16.3	15.3	12.9	11.7	10.7	10.0	10.1	10.5	10.6	11.69
26	10.5	10.1	9.9	9.4	9.4	8.8	8.8	8.8	9.0	8.8	9.3	10.1	10.4	10.9	12.1	12.8	12.6	9.8	8.7	8.9	8.9	9.2	8.0	6.8	9.67
27	7.4	7.6	7.7	7.8	7.7	7.6	7.8	8.6	9.1	8.9	9.6	10.8	10.8	11.0	10.8	10.7	10.0	9.9	9.9	9.8	9.2	9.2	9.0	8.9	9.16
28	8.9	8.9	8.9	9.0	9.1	9.2	9.6	10.4	10.9	11.4	12.9	13.5	16.0	16.3	16.8	16.2	14.5	12.3	11.7	10.3	9.0	8.6	8.2	7.8	11.27
29	7.4	7.7	8.1	8.3	8.2	8.1	8.6	9.1	10.2	11.4	11.5	11.4	12.2	14.8	16.1	15.4	14.5	12.0	11.1	10.7	9.9	9.5	8.9	8.4	10.56
30	8.5	8.8	8.9	8.6	8.0	7.0	8.4	9.4	10.7	11.0	13.6	14.1	13.3	13.5	14.4	14.7	13.1	10.6	9.5	9.1	8.6	8.2	8.3	7.6	10.33
M.	10.95	10.70	10.61	10.46	10.31	10.35	11.05	11.85	12.72	14.19	15.65	16.65	17.14	17.65	17.55	16.97	15.89	14.00	13.00	12.55	12.13	11.66	11.12	10.87	13.17

Oktober 1913. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	7.1	7.6	8.3	8.0	8.0	8.3	8.9	9.9	10.9	11.0	11.6	13.5	13.9	13.4	13.4	13.5	13.8	10.8	10.6	9.8	10.6	10.9	11.3	11.5	10.69
2	10.5	10.5	9.7	9.9	9.0	8.0	9.2	11.4	14.0	16.1	17.0	18.4	18.8	20.1	19.0	18.0	17.0	14.2	13.3	12.2	12.2	11.1	11.4	11.9	13.45
3	11.7	11.6	11.6	11.7	11.6	11.5	11.4	13.1	14.4	17.6	16.3	16.4	17.0	16.8	17.3	17.6	15.8	12.9	12.1	11.6	11.5	11.0	10.3	9.9	13.45
4	9.2	8.9	8.5	8.4	7.9	8.0	8.5	9.8	12.4	13.6	14.7	14.6	14.6	14.2	14.3	13.3	12.8	12.4	12.3	12.1	12.0	11.9	11.9	11.9	11.59
5	11.9	11.8	12.0	11.9	11.9	11.9	12.0	12.3	14.5	14.4	14.7	15.4	16.5	16.9	15.1	13.0	12.8	12.5	12.4	11.6	11.6	12.2	12.0	11.1	13.02
6	11.2	10.9	10.5	10.2	9.9	9.1	9.0	10.5	11.4	12.4	12.5	12.5	14.0	15.1	15.0	14.1	12.9	12.0	11.7	11.6	11.4	11.4	11.2	11.1	11.73
7	10.7	10.3	10.0	10.0	9.0	9.0	9.8	10.3	12.9	13.3	13.5	15.5	16.6	18.0	17.4	15.6	13.8	13.0	12.1	11.5	11.4	10.8	11.5	10.9	12.37
8	11.7	11.3	11.7	11.2	11.0	11.3	11.6	12.1	12.6	13.6	14.5	14.7	16.8	17.8	12.3	11.2	10.4	10.2	9.8	9.6	8.8	8.7	8.9	8.0	11.70
9	9.0	9.4	9.7	9.0	10.3	9.7	9.9	10.7	11.3	12.4	13.4	15.0	14.6	15.8	14.5	14.2	12.2	10.4	9.9	9.9	9.9	9.9	9.6	8.3	11.21
10	7.7	7.0	7.0	6.1	5.6	5.0	6.6	7.4	7.8	13.0	13.8	14.6	15.4	16.0	15.3	14.5	12.2	11.5	11.4	11.2	9.0	7.9	8.3	6.9	10.05
11	6.0	5.4	5.8	6.8	7.0	7.0	6.9	7.2	7.8	8.0	8.4	8.8	10.1	11.2	11.1	11.3	10.4	10.3	10.1	10.2	9.5	8.6	8.4	8.4	8.53
12	8.2	8.3	8.5	9.0	8.8	8.8	9.2	10.3	12.4	14.4	15.6	16.3	16.1	17.0	16.0	14.4	12.4	9.2	9.3	9.1	8.0	7.6	7.0	6.0	10.89
13	6.5	6.9	6.3	6.5	5.8	6.0	6.2	8.2	9.3	11.6	13.6	13.0	14.8	14.0	11.5	11.7	10.2	9.7	9.5	8.8	8.2	8.1	7.9	7.4	9.24
14	6.5	5.6	5.3	4.7	4.3	4.3	4.2	4.6	4.5	7.0	7.8	9.1	10.2	11.1	10.2	9.2	7.5	6.3	5.6	4.8	3.4	2.3	2.0	1.6	5.92
15	1.2	0.9	0.6	0.9	1.0	1.2	2.6	4.1	5.9	7.5	8.1	7.8	9.0	10.1	9.8	9.2	8.3	7.7	6.6	6.3	6.0	6.0	6.4	6.1	5.55
16	6.2	6.8	6.9	6.5	6.4	6.4	6.0	7.0	9.1	10.8	11.3	10.8	11.4	13.1	10.7	9.8	9.1	8.8	8.7	8.4	8.2	8.3	8.3	8.2	8.63
17	8.1	8.1	8.0	8.0	7.9	7.9	8.0	7.9	8.0	8.6	8.7	8.7	8.3	8.1	8.1	8.0	7.7	7.7	7.6	7.5	7.6	7.5	7.6	7.7	7.97
18	7.5	7.5	7.4	7.2	7.0	7.0	7.0	7.4	7.8	8.5	9.8	12.6	13.3	14.1	14.0	12.8	9.5	7.5	6.8	5.9	5.6	5.0	4.6	4.0	8.33
19	3.0	3.4	3.5	3.4	3.2	2.7	3.0	3.2	4.0	5.0	6.3	7.1	9.0	10.4	11.3	10.3	8.6	5.9	5.8	5.7	5.0	5.0	5.3	5.2	5.64
20	5.0	4.6	4.1	4.0	4.0	3.9	3.7	3.6	3.5	4.6	6.3	10.8	11.6	14.0	13.3	12.4	10.1	7.9	6.9	6.9	6.0	5.9	5.7	5.0	6.82
21	4.7	4.1	4.0	3.8	3.5	3.5	3.0	3.4	3.6	4.1	5.4	7.9	9.2	10.8	10.5	9.9	7.6	7.1	6.6	6.6	6.8	6.3	5.9	5.8	6.00
22	6.1	6.4	6.7	6.5	6.1	6.5	6.4	6.9	7.5	8.0	9.1	8.7	13.6	15.0	14.4	14.3	11.6	10.8	10.5	9.7	8.9	7.7	8.3	8.6	9.10
23	8.4	8.3	8.4	8.5	8.8	8.4	9.0	9.3	9.8	10.5	12.7	14.7	15.0	15.3	14.3	13.8	11.1	9.7	9.7	9.6	9.2	9.1	9.3	9.2	10.50
24	9.3	8.8	8.4	8.0	8.1	8.3	9.0	9.8	10.7	12.0	14.1	16.5	16.3	16.7	16.6	15.8	12.9	13.0	11.6	10.2	9.4	8.6	8.4	8.2	11.28
25	7.4	6.5	6.2	5.8	5.7	5.2	5.3	5.5	7.2	9.9	12.7	16.4	17.8	17.4	17.4	15.5	12.5	10.9	9.6	9.0	8.7	8.7	8.4	7.4	9.88
26	7.3	6.8	6.6	6.1	6.2	6.5	6.6	7.3	9.9	12.3	13.6	13.5	13.9	13.2	14.3	14.4	13.0	12.0	13.7	12.8	12.6	11.8	12.0	11.0	10.73
27	10.4	9.9	9.4	9.2	8.3	8.4	8.0	9.8	12.7	13.9	16.3	16.7	20.4	19.4	19.1	16.9	13.5	11.9	11.6	11.0	10.4	10.2	9.2	8.9	12.31
28	8.9	8.0	7.8	7.1	6.1	6.0	6.4	7.7	9.1	9.6	11.4	12.5	14.0	15.2	14.1	12.9	12.4	12.4	14.6	14.1	14.2	14.4	13.8	14.0	11.11
29	15.9	16.5	13.2	12.9	12.3	11.8	11.0	12.0	13.2	17.8	18.0	19.2	17.6	17.2	16.6	14.3	13.6	12.4	12.1	11.9	12.0	11.4	10.7	11.5	13.96
30	11.5	11.2	9.8	10.0	9.9	9.6	10.0	11.0	11.7	12.6	13.7	13.4	13.7	12.6	12.2	10.9	9.7	10.0	9.1	8.7	8.3	8.3	9.1	8.9	10.66
31	8.9	7.7	7.6	6.3	5.0	4.5	4.4	5.3	6.9	9.9	12.8	14.2	15.4	16.3	15.0	13 6	10.4	9.6	8.6	7.7	6.6	7.1	6.6	5.7	9.00
M.	8.31	8.10	7.86	7.66	7.41	7.26	7.51	8.36	9.57	11.10	12.18	13.20	14.16	14.72	14.00	13.11	11.48	10.34	10.01	9.55	9.13	8.83	8.75	8.40	10.04

November 1913. **Stündliche Lufttemperaturen.** $h_t = 1.8^m$. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	5.0	4.8	4.9	5.0	5.0	5.1	5.2	6.1	7.0	10.6	9.8	11.2	12.4	13.7	13.2	12.2	11.6	10.7	10.4	9.8	9.6	10.0	10.4	10.2	8.91
2	10.9	10.9	10.9	11.0	10.4	10.2	10.1	10.8	11.5	12.4	13.6	14.1	15.0	13.9	14.5	13.1	10.7	10.6	10.3	9.3	9.1	8.9	8.7	8.5	11.22
3	7.9	7.4	7.9	7.9	8.2	7.9	8.6	10.5	12.0	13.7	14.8	15.3	16.2	17.1	16.2	15.2	14.5	13.0	12.2	12.0	11.4	11.4	10.9	11.0	11.80
4	10.8	10.7	10.4	10.3	10.3	10.2	10.2	10.7	11.3	12.3	12.4	12.8	13.8	14.5	13.8	12.5	11.9	11.7	11.6	11.5	11.2	11.1	10.9	10.7	11.57
5	10.5	10.2	10.1	10.3	10.2	10.3	10.4	10.3	11.3	11.1	13.0	14.2	15.7	14.0	13.7	13.4	11.7	11.6	12.2	11.2	10.7	10.4	10.9	11.8	11.63
6	10.8	9.9	9.2	8.8	8.2	7.8	7.2	7.4	7.3	7.3	7.0	7.6	8.6	9.0	9.2	8.6	8.4	7.6	7.0	5.7	5.0	4.5	5.4	6.1	7.65
7	5.2	4.7	4.5	4.3	5.1	5.4	5.0	5.2	6.6	7.8	9.1	8.2	6.7	6.3	6.9	5.2	5.8	5.4	5.5	5.4	5.2	5.4	4.9	4.8	5.78
8	5.2	5.1	5.3	5.3	5.4	5.2	5.6	5.9	6.2	8.1	8.4	8.2	8.8	8.7	8.4	8.1	7.7	7.3	6.9	6.8	6.7	6.5	6.5	6.4	6.78
9	6.5	6.4	6.4	5.9	6.4	6.7	6.8	7.2	7.9	8.0	9.8	12.3	12.0	11.7	11.2	10.0	9.6	9.4	9.6	9.4	9.2	9.0	8.7	8.0	8.67
10	8.1	7.4	6.7	5.6	5.8	5.2	5.8	6.3	7.5	7.9	8.7	9.8	11.2	12.2	11.2	10.4	8.1	7.0	6.7	6.0	5.4	5 3	5.2	5.0	7.44
11	4.5	4.6	4.9	5.1	5.4	5.5	5.6	6.1	6.4	7.4	7.9	8.8	8.6	8.7	8.8	8.9	8.1	8.2	7.6	7.5	7.4	7.0	7.2	7.3	6.98
12	6.9	7.8	7.9	7.5	7.1	7.0	7.2	7.4	8.6	9.6	10.8	10.5	11.2	11.4	10.6	10.0	9.5	9.4	9.3	9.1	8.9	8.8	8.3	7.9	8.86
13	7.8	8.1	7.8	7.7	7.2	7.1	7.3	7.6	8.0	8.2	8.1	8.3	8.7	9.6	9.4	9.1	8.5	8.3	8.5	8.7	8.0	8.2	6.7	5.7	8.02
14	5.7	5.8	5.9	6.3	6.1	5.7	6.0	6.1	6.8	8.4	9.3	9.3	9.6	8.6	7.6	7.4	7.4	7.7	7.8	7.5	7.0	6.8	6.8	6.9	7.19
15	7.0	7.1	7.2	6.9	7.0	7.1	7.0	7.2	7.2	7.9	6.8	7.3	8.0	6.5	5.3	6.3	6.3	6.7	6.7	6.3	6.2	6.2	5.6	5.7	6.73
16	6.7	6.6	6.3	6.7	7.2	7.3	7.4	7.6	7.7	7.6	7.6	7.4	7.6	7.2	6.9	6.7	6.8	5.9	6.1	6.9	7.3	7.0	6.7	6.1	6.97
17	6.7	6.9	7.0	7.2	7.3	7.3	7.5	7.6	7.3	7.5	7.9	8.2	9.3	9.9	9.9	9.8	9.9	9.6	9.3	9.2	9.5	9.6	9.6	9.2	8.47
18	8.8	8.2	8.0	7.9	7.8	7.8	7.8	8.0	8.4	9.3	9.9	10.6	10.3	11.7	11.1	10.2	8.8	8.3	8.7	8.0	7.8	8.0	7.1	7.9	8.77
19	7.8	8.8	8.9	8.8	8.1	8.0	8.4	8.5	9.8	10.7	10.8	9.8	9.6	9.5	8.8	8.4	7.7	7.3	6.8	6.8	6.8	4.5	5.6	4.1	8.10
20	3.6	3.7	3.8	4.0	4.1	4.2	3.8	4.4	5.0	5.2	5.7	5.7	9.0	9.3	7.6	6.8	5.1	4.3	4.0	2.9	3.0	3.5	3.4	3.1	4.80
21	3.1	2.9	2.2	2.4	2.1	1.8	1.6	1.2	1.6	1.8	2.0	3.4	4.9	4.6	4.5	4.2	3.7	3.3	2.9	2.9	2.6	2.6	3.2	3.3	2.87
22	2.6	2.4	1.6	1.4	0.7	0.9	1.0	1.3	2.6	3.6	5.6	8.7	8.6	9.6	8.8	6.9	5.6	5.3	4.7	3.8	3.4	3.4	3.8	2.9	4.18
23	2.9	2.6	2.3	2.0	1.9	2.0	1.8	2.0	3.1	3.4	4.4	6.9	6.8	6.5	6.4	6.0	5.9	5.7	5.5	5.5	5.2	5.0	5.4	5.4	4.36
24	5.0	5.1	5.2	5.6	5.6	5.5	5.4	5.6	6.2	6.2	6.8	6.8	6.5	6.2	6.1	5.9	5.8	5.8	5.6	5.4	5.2	4.8	4.7	4.5	5.65
25	4.4	4.0	3.9	3.8	3.6	3.3	3.2	3.2	3.1	3.4	3 8	3.9	4.5	4.7	4.7	4.4	4.5	4.4	4.4	4.2	4.2	4.1	4.0	3.9	3.98
26	3.9	3.8	3.7	3.3	3.3	3.0	3.6	3.9	4.2	4.9	5.3	8.1	6.5	6.1	5.6	5.2	4.9	3.5	2.2	2.3	2.0	2.0	2.0	2.3	3.98
27	2.9	2.3	2.9	3.4	3.9	4.5	4.9	5.1	5.2	4.7	4.7	4.5	4.5	4.5	4.4	4.5	4.8	4.8	4.8	4.8	4.8	5.1	5.0	4.9	4.41
28	4.9	5.0	4.9	4.9	5.2	5.0	5.5	5.1	5.0	5.1	5.7	6.3	6.6	6.8	6.7	6.7	7.1	7.4	7.2	7.0	6.8	6.8	7.1	7.1	6.08
29	7.0	7.1	7.1	7.2	7.3	7.2	7.1	7.0	7.8	9.4	8.8	8.8	10.1	10.6	9.3	8.7	7.9	7.7	7.3	6.2	6.6	7.0	7.2	7.1	7.81
30	6.8	6.6	6.2	6.0	6.0	5.7	5.5	5.3	5.4	5.4	8.0	8.7	9.7	9.2	7.8	6.1	4.6	4.2	4.1	3.8	3.0	2.9	2.7	2.4	5.67
M.	6.33	6.23	6.13	6.08	6.06	6.00	6.08	6.35	6.93	7.63	8.22	8.86	9.37	9.41	8.95	8.36	7.76	7.40	7.20	6.86	6.64	6.53	6.49	6.34	7.18

Dezember 1913. Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	2.0	1.6	1.5	1.1	0.8	0.9	1.2	0.7	1.0	2.2	2.6	4.9	8.3	9.8	9.3	6.8	5.0	4.7	4.1	4.3	2.8	2.6	2.1	2.3	3.44
2	2.4	1.7	1.8	1.9	2.0	2.1	2.2	3.0	3.5	4.5	5.9	7.0	8.1	7.6	7.5	7.3	6.1	5.6	5.5	5.5	4.0	4.4	2.7	2.3	4.36
3	1.8	3.3	1.3	1.2	1.1	0.7	0.2	0.6	0.2	0.7	2.6	5.2	7.6	7.0	4.7	4.0	2.7	1.6	1.6	0.6	0.0	−0.2	−0.3	−0.4	1.99
4	1.1	3.2	2.5	2.1	1.6	1.1	0.7	1.4	8.6	10.2	10.7	10.5	10.2	9.5	5.5	4.6	3.7	4.6	3.4	3.7	4.4	4.2	4.0	3.5	4.79
5	3 5	3.0	2.8	2.5	2.4	2.4	2.2	2.3	2.6	2.1	1.0	2.4	3.3	3.4	3.3	2.8	3.1	3.4	2.4	2.5	2.6	1.9	2.0	1.9	2.58
6	1.6	0.7	0.5	0.5	0.6	0.7	1.0	2.1	2.6	3.3	3.6	3.6	4.0	3.8	3.6	3.3	3.2	2.9	3.0	3.1	3.2	3.2	3.3	3.6	2.54
7	4.0	4.4	4.3	4.2	4.3	4.4	3.6	2.7	2.5	2.6	2.6	2.2	2.4	2.2	2.0	1.6	1.3	0.8	0.5	0.1	−0.6	−0.5	−1.0	−1.9	2.03
8	−1.7	−2.8	−3.0	−2.9	−3.1	−3.5	−4.2	−4.0	−1.8	0.0	1.3	2.8	2.4	2.2	1.2	0.3	−0.4	−0.9	−1.5	−1.6	−1.8	−1.7	−1.9	−2.1	−1.20
9	−2.5	−2.7	−2.5	−2.8	−3.3	−2.0	−1.4	−1.0	−0.3	0.6	1.9	4.1	5.0	4.9	4.2	3.6	3.3	3.0	2.9	2.8	1.6	2.5	2.3	3.6	1.16
10	3.8	3.9	3.8	4.5	4.1	4.8	4.6	5.2	5.5	6.0	6.5	6.6	5.9	5.3	4.9	4.8	4.9	4.9	4.4	4.4	4.0	4.0	3.9	3.9	4.77
11	3.7	3.9	3.7	3.6	3.7	3.7	4.6	4.8	5.1	5.3	5.8	5.7	5.7	5.7	5.8	5.5	5.5	5.4	5.2	5.0	4.8	4.8	4.6	4.5	4.84
12	4.3	4.2	4.2	4.3	4.5	4.6	4.6	4.7	4.8	4 9	5.6	6.3	6.6	6.4	6.1	5.7	5.4	5.5	5.5	5.5	5.2	5.1	4.9	4.8	5.15
13	4.7	4.6	4.7	4.6	4.6	4.4	4.4	4.4	4.5	4.6	4.8	4.9	5.0	4.8	4.6	4.5	4.3	4.3	4.5	4.5	4.5	4.2	3.5	2.5	4.43
14	2.9	2.5	2.5	2.7	2.5	2.4	1.6	1.4	2.6	3.0	4.8	4.4	4.5	4.4	4.0	3.6	3.2	2.5	2.6	2.7	3.2	3.2	3.1	3.0	3.05
15	3.2	3.4	3.1	2.7	2.8	2.3	2.2	2.4	2.5	3.0	3.7	4.0	4.1	4.5	3.5	3.0	2.8	2.6	3.0	3.0	3.1	3.1	2.9	2.6	3.06
16	2.1	2.2	2.3	2.4	2.5	1.7	1.0	1.0	1.4	2.2	4.5	6.9	6.8	6.4	5.4	3.8	2.5	1.6	2.1	2.2	2.2	2.1	2.2	2.4	2.91
17	2.6	2.0	1.8	2.2	2.3	2.4	2.9	3.2	3.4	3.6	1.9	2.2	2.6	3.1	2.6	2.5	2.5	2.7	2.6	1.0	0.8	1.2	1.4	1.6	2.30
18	1.7	1.5	1.1	1.3	1.0	0.9	0.8	1.3	1.6	1.7	1.8	2.3	2.2	2.0	2.0	2.0	2.0	1.8	1.5	1.2	0.8	1.0	0.6	0.2	1.43
19	−0.6	−1.0	−1.4	−1.6	−2.1	−2.1	−2.4	−2.5	−2.4	−2.2	−1.9	−2.0	−1.8	−2.1	−2.2	−2.4	−2.6	−2.8	−3.2	−3.4	−3.6	−3.6	−3.7	−3.7	−2.39
20	−3.8	−3.8	−3.9	−4.1	−4.0	−3.9	−3.8	−4.0	−4.1	−3.8	−3.6	−3.5	−1.8	−2.7	−2.9	−3 6	−4.6	−4.9	−5.5	−5.8	−5.2	−5.4	−5.9	−6.0	−4.17
21	−6.4	−4.6	−4.8	−4.8	−4.8	−4.7	−4.6	−4.4	−4.1	−3.9	−3.6	−3.2	−2.6	−2.5	−2.5	−2.6	−2.7	−2.5	−2.6	−3.0	−3.4	−3.5	−3.7	−3.7	−3.72
22	−3.6	−3.7	−3.9	−4 3	−4.3	−4.4	−4.3	−4.1	−3.9	−3.6	−3.2	−2.9	−2.4	−2.3	−2.5	−2.7	−3.0	−3.2	−3.4	−3.7	−3.7	−3.5	−4.0	−3.9	−3.52
23	−4.0	−4.3	−4.6	−4.5	−4.6	−4.3	−4.0	−3.9	−3.9	−3.9	−3.4	−2.8	−0.2	−0.4	−0.7	−1.0	−1.2	−2.0	−1.6	−2.1	−2.2	−2.5	−2.3	−2.8	−2.80
24	−3.3	−2.8	−2.3	−3.3	−4.4	−4.9	−4.6	−4.7	−1.0	1.9	3.3	4.8	5.5	5.7	6.2	3.9	4.2	5.2	4.0	2.8	1.4	0.7	0.5	0.6	0.81
25	0.5	−0.4	−0.4	−0.2	−0.2	−0.5	−0.8	−0.8	−0.7	1.5	1.1	0.9	1.2	1.2	1.0	0.4	0.2	0.0	−0.4	−1.2	−2.0	−2.9	−2.9	−2.8	−0.84
26	−3.2	−1.9	−1.3	−1.2	−1.4	−0.8	−0.6	−0.4	0.3	2.6	2.4	3.8	2.6	3.3	3.0	2.4	2.0	1.6	1.5	1.6	0.6	0.3	0.1	−0.1	0.72
27	0.5	0.1	−0.7	−0.4	0.6	4.6	6.2	6.0	7.4	8.2	9.1	9.4	9.1	9.5	9.0	8.9	8.7	8.3	8.0	8.1	7.8	8.1	8.3	8.1	6.37
28	8.5	8.1	7.3	7.7	6.7	6.7	7.3	5.4	4.3	4.3	4.4	5.2	6.8	7.1	4.4	4.2	4.4	4.4	4.1	3.5	2.5	1.8	1.5	1.0	5.07
29	0.8	0.5	0.0	0.2	−0.3	−0.6	−1.4	−1.0	−0.6	−0.1	−0.1	0.1	0 7	0.6	0.3	−0.4	−0.6	−0.6	−1.4	−1.5	−1.6	−1.8	−1.9	−2.0	−0.53
30	−2.1	−2.7	−3.2	−3.4	−3.5	−3.5	−3.7	−3.7	−3.6	−3.5	−3.2	−2.5	−2.6	−2.4	−3.0	−3.2	−3.4	−3.4	−3.6	−3.4	−3.4	−4.3	−4.0	−4.0	−3.80
31	−4.0	−4.5	−4.6	−4.7	−4.7	−5.4	−5.6	−5.5	−4.8	−3.6	−3.1	−2.4	−3.4	−3.7	−4.1	−4.4	−4.7	−5.1	−5.5	−5.8	−5.2	−5.7	−6.3	−6.1	−4.68
M.	0.66	0.63	0.41	0.37	0.24	0.33	0.32	0.41	1.07	1.76	2.25	2.93	3.41	3.36	2.78	2.23	1.86	1.68	1.41	1.21	0.86	0.74	0.52	0.42	1.33

1913. **Tägliche Maxima und Minima der Temperatur.** **Zürich.**

(Absolute Extreme.)

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	−0.2	−4.4	7.8	2.0	3.8	−2.1	10.1	4.1	18.5	4.8	28.1	12.0	21.6	6.1	23.8	10.4	26.7	12.9	14.9	7.0	14.0	4.5	10.0	0.7
2	3.4	−4.4	9.1	1.5	5.2	−4.9	6.7	3.0	10.6	4.5	24.3	12.7	22.3	8.8	25.1	9.6	25.6	12.4	20.2	8.0	15.2	8.5	8.1	1.1
3	1.2	−2.7	7.7	2.3	10.9	−1.3	12.3	2.9	13.6	3.7	29.6	15.9	19.2	10.9	26.3	11.2	27.5	12.5	17.7	9.9	17.7	7.4	7.9	−0.4
4	−2.0	−4.0	11.0	2.4	13.1	2.1	20.2	1.9	17.0	4.2	26.0	12.6	21.2	8.9	27.8	11.7	26.3	13.5	14.7	7.8	14.6	10.1	10.9	−0.3
5	−2.1	−3.8	7.9	−1.6	13.6	−0.8	15.1	4.7	10.5	3.3	25.0	11.2	20.8	12.2	27.0	14.1	20.0	13.9	18.9	11.1	16.0	9.9	3.6	1.0
6	−0.7	−4.9	12.4	0.2	15.1	−1.0	17.0	1.9	8.0	4.5	13.6	8.8	18.2	12.6	21.8	12.9	23.6	12.9	15.6	8.6	11.7	4.4	4.0	0.5
7	6.2	−1.4	10.6	0.3	16.8	4.7	15.6	6.0	13.7	3.2	19.4	7.3	17.5	11.8	18.7	10.8	18.7	12.1	18.7	8.8	9.5	4.3	4.5	−1.9
8	−0.5	−2.3	5.6	0.5	12.2	−0.2	6.9	3.3	19.6	1.0	24.5	7.4	15.5	9.7	19.9	8.4	18.7	12.4	17.8	8.0	9.5	5.1	2.9	−4.2
9	−1.5	−3.1	0.8	−2.3	6.0	−1.8	6.0	2.2	23.2	6.4	18.8	14.1	17.3	8.2	16.0	10.5	24.4	13.7	16.5	8.3	13.1	5.8	5.2	−3.3
10	−2.2	−3.7	4.2	−2.7	9.0	−3.3	10.0	0.7	24.2	8.5	26.0	13.2	15.1	7.1	17.0	9.7	16.0	7.0	16.5	5.0	12.8	5.0	6.8	3.4
11	2.0	−2.9	7.9	−2.0	15.1	−0.6	8.5	0.3	10.8	5.9	21.8	13.4	14.7	9.7	22.7	8.6	17.0	6.4	11.4	5.3	9.0	4.2	5.9	3.6
12	5.4	−1.4	9.6	−0.3	15.6	1.0	7.9	−4.7	17.0	4.9	21.0	9.8	20.3	10.5	18.5	13.5	19.0	5.0	17.6	6.0	11.7	6.9	6.6	4.2
13	4.0	−1.4	9.6	−1.3	15.6	1.3	4.4	−6.3	19.5	4.7	19.5	9.7	25.7	9.0	19.4	11.4	22.6	8.3	15.3	5.5	9.6	5.7	5.0	2.5
14	3.3	−3.3	6.9	−1.2	17.2	3.0	5.4	−6.3	22.0	6.9	22.6	10.7	28.3	10.8	12.3	10.6	22.8	10.8	11.4	1.6	10.1	5.6	5.0	1.4
15	1.4	−4.9	3.2	−4.0	14.5	4.2	8.4	−4.5	19.7	9.8	25.3	7.3	17.5	11.9	19.3	10.6	16.5	8.9	10.1	0.4	8.2	5.3	4.5	2.2
16	4.7	−2.7	3.1	−6.0	15.3	−0.5	14.8	−3.3	26.4	10.7	28.2	9.9	17.1	10.8	20.9	8.9	18.7	5.9	13.5	6.0	7.8	5.8	7.2	0.8
17	7.5	1.1	2.5	−5.5	17.8	0.5	11.6	6.3	21.8	10.5	29.8	11.7	14.6	10.5	23.1	7.8	19.0	9.3	8.7	7.5	10.0	6.2	3.6	0.8
18	5.8	3.0	1.7	−7.0	7.2	−2.0	13.5	3.5	14.8	8.9	28.9	13.9	21.8	9.8	23.5	9.4	15.0	9.1	14.1	4.0	11.9	7.0	2.5	0.2
19	7.3	0.6	−0.8	−8.2	9.5	−3.4	11.4	5.5	11.2	4.6	25.5	14.8	21.0	13.1	25.8	12.3	18.6	8.9	11.4	2.7	10.8	4.1	−0.2	−3.7
20	4.2	−0.3	5.6	−7.7	12.0	8.6	13.8	4.1	16.1	4.0	17.2	9.9	20.5	11.0	21.2	13.5	18.7	7.4	14.0	3.5	9.3	2.6	−1.6	−6.0
21	8.4	0.6	5.3	−5.5	10.8	7.6	16.8	1.9	19.0	2.6	15.8	9.4	21.4	9.5	21.7	12.6	14.0	8.6	11.1	2.9	5.7	1.2	−2.3	−6.4
22	3.1	1.4	1.7	−6.4	20.7	6.0	20.8	5.5	20.5	4.7	13.5	9.4	20.5	11.7	24.5	9.9	16.6	8.3	15.2	6.0	10.0	0.6	−2.2	−4.4
23	6.8	−0.2	6.5	−6.6	12.8	5.3	16.8	6.1	15.7	8.6	21.7	10.0	15.4	10.5	27.4	9.6	13.8	7.8	15.8	8.3	7.0	1.7	0.2	−4.8
24	8.6	1.4	9.5	−7.2	5.6	2.3	18.1	7.7	19.0	10.0	23.0	11.0	15.9	10.1	27.3	13.8	18.5	6.9	17.3	7.9	6.9	4.5	6.5	−5.0
25	7.5	−0.3	10.5	−6.6	10.4	2.3	18.3	8.7	23.5	8.2	14.0	9.2	22.8	11.0	24.7	13.4	17.6	8.4	18.1	5.1	4.7	3.1	1.5	−3.0
26	7.1	1.0	10.4	−4.6	11.6	3.3	19.8	8.6	26.5	9.7	17.0	8.7	25.5	9.6	25.4	10.5	13.3	6.8	14.5	5.9	8.5	1.6	3.8	−3.3
27	1.4	−0.9	3.6	0.9	13.9	3.6	24.5	7.5	28.1	13.0	16.0	9.4	27.1	12.2	25.3	10.5	12.2	6.7	20.4	7.9	5.2	2.3	9.5	−0.9
28	7.3	0.7	4.6	1.3	17.5	0.7	22.5	11.1	24.8	13.3	15.3	8.0	26.0	10.9	26.4	11.2	17.2	7.8	15.2	6.0	7.4	4.8	8.7	1.0
29	2.3	−1.1			17.1	5.5	24.5	11.3	28.5	11.0	15.5	10.4	27.7	12.2	28.3	12.9	16.2	7.0	19.3	10.7	10.8	6.2	1.0	−2.0
30	0.6	−2.6			22.2	8.5	26.5	9.8	28.9	12.9	20.3	8.8	25.6	11.9	23.9	14.3	14.7	7.0	14.3	8.1	10.5	2.4	−1.5	−4.3
31	8.5	0.7			22.5	9.9			28.9	12.2			25.2	12.9	24.7	12.8			16.8	4.1			−2.4	−6.6
Mittl. Max.	3.51		6.38		13.25		14.27		19.41		21.57		20.75		22.89		18.98		15.39		10.31		4.04	
Mittl. Min.	−1.49		−2.69		1.89		3.45		7.14		10.69		10.51		11.21		9.29		6.38		4.89		−1.20	
Differenz	5.00		9.07		11.36		10.82		12.27		10.88		10.24		11.68		9.69		9.01		5.42		5.24	
Abs. Max.	8.6		12.4		22.5		26.5		28.9		29.8		28.3		28.3		27.5		20.4		17.7		10.9	
Abs. Min.	−4.9		−8.2		−4.9		−6.3		1.0		7.3		6.1		7.8		5.0		0.4		0.6		−6.6	
Differenz	13.5		20.6		27.4		32.8		27.9		22.5		22.2		20.5		22.5		20.0		17.1		17.5	

1913. **Übersicht über den täglichen Gang der Temperatur.** **Zürich.**

Abweichungen vom Monatsmittel.

	Mittel	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a
Jan.	0.73	−0.71	−0.67	−0.73	−0.88	−0.94	−0.97	−0.71	−0.74	−0.55	−0.04	0.62	1.03	1.66	1.84	1.53	0.93	0.50	0.25	0.08	−0.16	−0.23	−0.30	−0.49	−0.36
Febr.	1.04	−1.70	−1.90	−2.14	−2.37	−2.60	−2.79	−3.18	−2.73	−1.44	−0.13	1.25	2.77	3.85	4.35	4.25	3.73	2.57	1.15	0.51	0.01	−0.37	−0.69	−1.13	−1.34
März	7.06	−2.63	−2.75	−3.01	−3.52	−3.69	−3.67	−3.63	−2.46	−0.48	1.57	2.77	3.79	4.59	4.89	4.64	4.08	3.11	1.58	0.39	−0.10	−0.67	−1.10	−1.55	−2.04
April	8.29	−2.71	−3.05	−3.48	−3.80	−3.93	−3.61	−2.66	−1.10	0.52	1.64	2.53	3.57	3.95	4.74	4.41	3.98	3.34	1.90	0.38	−0.22	−0.82	−1.35	−1.91	−2.25
Mai	12.64	−3.45	−3.78	−4.08	−4.41	−4.40	−3.79	−2.53	−0.62	1.21	2.86	3.96	4.31	4.86	4.61	4.57	4.03	3.47	2.13	0.55	−0.71	−1.28	−1.97	−2.54	−3.04
Juni	15.44	−2.83	−3.14	−3.45	−3.79	−3.77	−3.12	−2.11	−0.83	0.72	2.07	2.83	3.90	3.97	3.96	3.96	3.67	3.30	1.82	0.81	−0.37	−0.97	−1.72	−2.22	−2.65
Juli	14.92	−2.80	−3.32	−3.70	−3.95	−3.89	−3.36	−2.25	−0.95	0.72	2.19	2.89	3.57	3.77	4.07	4.30	3.83	3.40	2.01	0.71	−0.46	−1.01	−1.56	−2.00	−2.26
Aug.	16.20	−3.25	−3.63	−3.99	−4.29	−4.43	−4.26	−3.02	−1.86	0.58	2.56	3.71	4.26	4.58	5.08	4.75	4.62	3.95	2.48	0.45	−0.57	−1.26	−1.70	−2.17	−2.68
Sept.	13.17	−2.22	−2.47	−2.56	−2.71	−2.86	−2.82	−2.12	−1.32	−0.45	1.02	2.48	3.48	3.97	4.48	4.38	3.80	2.72	0.83	−0.17	−0.62	−1.04	−1.51	−2.05	−2.30
Okt.	10.04	−1.73	−1.94	−2.18	−2.38	−2.63	−2.78	−2.53	−1.68	−0.47	1.06	2.14	3.16	4.12	4.68	3.96	3.07	1.44	0.30	−0.03	−0.49	−0.91	−1.21	−1.29	−1.64
Nov.	7.18	−0.85	−0.95	−1.05	−1.10	−1.12	−1.18	−1.10	−0.83	−0.25	0.45	1.04	1.68	2.19	2.23	1.77	1.18	0.58	0.22	0.02	−0.32	−0.54	−0.65	−0.69	−0.84
Dez.	1.33	−0.67	−0.70	−0.92	−0.96	−1.09	−1.00	−1.01	−0.92	−0.26	0.43	0.92	1.60	2.08	2.03	1.45	0.90	0.53	0.35	0.08	−0.12	−0.47	−0.59	−0.81	−0.91

Januar 1913. **Stündliche Barometerstände (700 mm +).** Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	26.6	26.6	26.3	26.2	25.8	25.8	25.7	25.4	25.2	25.3	24.8	24.0	23.3	22.8	22.6	22.4	22.3	22.3	22.4	22.4	22.5	22.4	22.5	22.4	24.08
2	22.3	22.3	22.0	21.9	21.8	21.7	21.8	21.8	22.0	22.0	21.8	21.0	20.4	20.3	20.3	20.2	20.3	20.4	20.2	20.0	19.9	20.0	20.0	20.0	21.02
3	19.7	19.8	19.8	19.7	19.7	19.9	20.0	20.1	20.3	20.8	20.8	20.7	20.5	20.8	21.0	21.3	21.6	21.9	22.2	22.4	22.4	22.6	22.9	23.0	21.00
4	23.1	23.7	23.8	23.8	24.0	24.3	24.5	24.7	25.2	25.4	25.4	25.0	24.4	24.2	24.4	24.4	24.4	24.6	24.8	24.9	25.0	25.0	25.3	25.2	24.56
5	25.2	25.5	25.5	25.4	25.4	25.4	25.5	25.8	26.0	26.4	26.2	26.0	25.9	26.0	26.2	26.5	26.6	26.9	27.2	27.3	27.5	27.7	27.8	28.0	26.33
6	27.8	27.9	27.9	27.9	27.7	27.6	27.9	27.8	27.6	28.0	27.6	27.2	26.7	26.5	26.6	26.6	26.5	26.6	26.5	26.6	26.7	26.8	26.9	26.8	27.20
7	26.8	26.8	26.8	26.6	26.5	26.5	26.7	26.5	26.6	26.8	26.4	26.0	25.6	25.2	25.0	24.8	24.8	24.7	24.6	24.4	24.2	24.0	23.8	23.7	25.57
8	23.5	23.4	23.3	23.0	22.8	23.0	23.3	23.2	23.3	23.4	23.3	23.0	22.6	22.5	22.5	22.5	22.6	22.7	22.8	23.0	23.1	23.2	23.2	23.4	23.03
9	23.6	23.8	23.8	23.7	23.7	23.9	24.1	24.0	23.9	24.1	24.0	23.6	23.1	23.0	22.5	22.3	22.2	22.1	22.2	21.9	21.7	21.6	21.6	21.4	22.99
10	21.1	21.0	20.8	20.6	20.5	20.5	20.5	20.4	20.2	20.2	20.1	19.8	19.6	19.5	19.5	19.5	19.6	19.7	19.6	19.5	19.1	19.1	18.9	18.9	19.92
11	18.6	18.7	18.6	18.5	18.2	18.0	18.1	17.9	17.8	17.9	17.5	17.2	16.9	16.8	16.5	16.0	15.8	15.7	15.2	14.6	13.9	13.5	12.8	12.2	16.54
12	12.0	11.4	11.6	11.4	11.7	12.0	12.5	12.8	13.5	14.6	14.6	14.9	15.2	15.4	15.7	15.7	15.7	16.0	16.3	16.8	16.8	17.0	16.9	16.8	14.47
13	16.7	16.8	16.8	16.4	16.3	16.4	16.5	16.5	16.6	16.7	16.7	16.9	17.0	17.2	17.6	17.9	18.1	18.4	18.5	18.4	18.3	18.3	18.1	18.1	17.30
14	18.2	18.1	18.0	17.9	17.8	17.7	17.5	17.4	17.3	17.2	16.6	16.4	16.1	15.6	15.8	15.5	15.7	15.6	15.5	15.2	14.9	14.4	14.6	14.6	16.40
15	14.1	14.5	14.6	14.6	14.6	14.5	14.7	14.9	14.8	15.3	15.2	15.4	15.5	15.4	15.2	15.0	14.8	15.1	15.4	15.6	15.6	15.6	15.4	15.4	15.05
16	15.4	15.5	15.4	15.3	15.2	15.1	15.4	15.6	15.8	16.0	16.5	16.4	16.3	16.4	16.2	15.8	15.9	15.8	15.6	15.0	14.8	15.0	14.8	14.4	15.57
17	14.1	14.1	14.7	14.7	14.8	14.7	15.4	15.4	15.3	15.3	15.0	14.4	14.1	13.8	13.9	13.9	13.9	14.0	13.8	13.8	13.9	14.1	13.8	13.4	14.33
18	13.4	13.5	13.7	13.9	13.8	13.8	14.2	14.4	14.8	15.3	15.4	15.4	15.4	15.4	15.8	16.4	16.8	17.4	18.0	18.4	18.6	19.4	19.6	19.9	15.95
19	20.2	20.6	20.6	20.6	20.7	20.8	20.9	21.1	21.2	21.4	21.1	20.4	19.8	19.6	19.0	18.4	18.4	18.2	17.8	17.5	17.0	16.2	15.9	15.8	19.30
20	15.6	15.4	14.8	14.2	14.1	14.1	14.0	13.4	13.4	14.2	14.4	14.4	14.3	13.9	13.7	13.4	13.1	13.2	12.9	12.5	11.9	11.3	10.9	10.3	13.47
21	09.8	09.0	08.5	07.9	07.7	07.1	07.9	08.2	08.7	09.1	08.9	08.7	08.5	08.4	08.6	09.2	09.4	09.8	10.4	10.5	10.4	11.2	11.6	12.0	9.23
22	12.4	13.3	13.6	14.0	14.5	15.0	15.4	16.6	17.6	17.7	18.4	18.9	19.4	20.1	21.1	21.8	22.3	22.8	23.1	23.5	23.5	23.6	23.4	23.1	18.96
23	22.9	22.6	22.0	21.6	21.4	21.1	20.8	20.6	20.4	20.1	19.8	19.5	19.1	19.2	19.4	19.7	20.2	20.6	21.0	21.1	20.9	21.0	21.1	21.0	20.71
24	20.9	21.0	21.0	21.2	21.2	21.1	21.2	21.3	21.2	20.8	20.6	20.0	19.7	19.2	19.1	18.9	18.4	18.1	18.1	18.0	17.9	17.8	17.8	18.0	19.69
25	18.1	18.4	18.4	18.3	18.4	18.6	18.7	18.6	18.3	18.5	18.4	18.2	18.2	18.0	18.4	18.8	18.9	19.4	19.6	19.8	19.9	20.1	20.4	20.8	18.86
26	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.8	21.1	21.6	21.8	22.0	22.0	22.4	22.7	22.9	23.7	24.4	25.1	25.5	25.4	25.3	25.4	25.1	22.55
27	25.1	25.0	24.7	24.5	24.4	24.2	23.7	23.5	23.5	23.4	23.3	22.6	21.9	21.5	21.6	21.5	21.6	21.6	21.4	21.2	21.2	21.3	21.3	20.8	22.70
28	20.4	20.4	20.2	20.0	19.7	19.6	19.7	19.6	19.8	19.9	19.8	19.2	19.0	18.4	18.4	18.6	18.7	18.9	19.3	19.6	19.6	20.0	20.1	20.1	19.54
29	20.0	20.0	19.8	19.8	19.8	19.9	20.0	20.0	19.9	20.0	20.0	19.8	19.2	18.8	18.4	18.4	18.2	18.1	17.9	18.0	17.7	17.4	17.2	17.2	18.98
30	17.2	17.3	17.3	17.2	17.0	17.0	17.3	17.4	17.5	17.9	17.8	17.8	17.8	17.6	17.8	18.2	18.4	18.2	18.4	18.3	18.2	18.0	17.4	16.4	17.64
31	16.7	15.8	15.3	14.1	14.7	14.8	13.2	12.3	11.3	10.9	11.3	11.2	11.6	12.1	13.1	15.4	17.0	18.1	18.9	19.7	19.9	20.3	20.7	20.8	15.33
M.	19.42	19.45	19.36	19.21	19.16	19.18	19.28	19.29	19.36	19.55	19.47	19.23	19.00	18.90	18.99	19.09	19.22	19.40	19.51	19.53	19.43	19.46	19.42	19.31	19.30

Februar 1913. (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	20.8	20.8	20.6	20.4	20.4	20.6	20.8	20.9	20.8	20.8	20.6	19.8	18.8	18.1	17.8	17.5	17.2	16.8	16.0	15.6	15.1	14.4	13.8	13.5	18.41
2	12.8	12.3	11.8	11.2	11.1	11.2	13.1	15.8	18.1	19.0	19.7	19.8	20.4	20.8	21.1	21.4	21.8	22.1	22.5	22.7	23.2	23.2	23.0	23.1	18.38
3	23.1	23.5	23.4	23.8	24.3	24.7	24.8	25.6	26.0	26.5	27.2	27.4	27.8	27.6	28.0	28.2	28.6	28.9	29.2	29.2	29.6	30.0	30.3	30.5	27.01
4	30.6	30.6	30.7	30.8	30.8	31.2	31.2	31.4	31.4	31.5	31.5	31.4	31.0	30.4	30.1	29.7	29.6	29.7	29.8	29.9	29.8	29.8	29.3	28.9	30.46
5	28.4	28.2	27.8	27.5	27.2	26.6	26.4	26.4	26.1	26.0	25.8	25.0	24.2	23.6	23.0	22.7	22.5	22.6	22.6	22.6	22.5	22.6	22.6	22.7	24.82
6	22.9	23.2	23.3	23.1	23.1	23.2	23.2	23.5	23.7	23.9	24.2	23.8	23.3	22.9	22.8	23.0	23.2	23.6	24.0	24.2	25.0	25.3	25.8	26.4	23.78
7	26.5	26.6	26.6	26.6	26.8	27.3	28.0	28.8	29.4	29.4	29.5	29.0	28.3	27.8	27.8	27.8	27.6	27.7	27.8	27.9	27.8	27.9	27.7	27.8	27.85
8	27.7	27.4	27.2	27.0	27.0	27.2	27.4	27.4	27.4	27.5	28.0	28.3	28.9	29.0	29.5	30.3	30.8	31.8	32.8	33.0	33.2	33.8	33.9	33.8	29.60
9	33.8	33.8	33.8	34.0	34.0	34.0	33.8	34.1	34.2	34.1	34.1	33.9	33.8	33.8	33.6	33.5	33.6	33.6	33.8	33.9	33.6	33.6	33.5	33.6	33.81
10	33.4	33.3	33.0	32.8	32.9	32.9	32.8	33.0	32.9	32.7	32.5	32.1	31.6	31.3	31.4	31.4	31.6	31.8	32.0	31.9	31.9	32.0	31.9	31.8	32.29
11	31.8	31.8	31.7	31.7	31.8	31.8	32.1	32.3	32.5	32.3	32.2	31.8	31.6	31.5	31.5	31.4	31.6	31.9	31.9	31.9	31.9	31.8	31.8	31.7	31.85
12	31.6	31.6	31.3	31.0	31.1	31.2	31.5	31.4	31.2	31.4	31.6	31.5	31.2	30.8	30.5	30.2	30.3	30.3	30.4	30.4	30.6	30.8	30.6	30.5	30.96
13	30.4	30.1	29.9	29.8	29.8	29.7	29.5	29.5	29.4	29.3	29.2	29.0	28.6	28.6	28.8	28.1	28.3	28.4	28.4	28.5	28.0	27.8	27.6	27.2	28.91
14	26.7	26.2	26.0	25.5	25.4	25.0	25.0	25.0	24.8	24.5	24.2	24.0	23.8	23.4	23.1	22.8	22.9	23.1	23.2	23.2	23.3	23.3	23.3	23.3	24.21
15	23.4	23.2	23.0	22.8	22.7	22.8	22.6	22.7	22.5	22.6	22.6	22.2	22.0	21.8	21.6	21.7	21.8	22.2	22.4	22.3	22.2	22.0	21.8	21.7	22.36
16	21.7	21.4	21.2	21.2	21.2	21.4	21.6	21.5	21.2	21.5	21.4	21.0	20.4	20.2	20.0	20.0	19.9	19.9	19.8	19.5	19.2	19.2	19.2	19.0	20.52
17	18.8	18.6	18.3	17.9	17.4	17.1	16.9	16.8	16.5	16.3	16.2	15.8	15.5	15.0	14.8	14.6	14.7	14.9	15.1	15.0	15.1	15.2	15.1	15.1	16.11
18	15.0	15.1	15.1	15.0	15.2	15.3	15.6	15.7	16.2	16.2	16.4	16.2	16.1	15.8	16.2	16.1	16.2	16.5	16.5	16.4	16.4	16.3	16.5	16.6	15.94
19	16.7	16.7	16.6	16.4	16.5	16.4	16.6	16.6	16.7	16.6	16.5	16.4	16.2	16.0	16.0	15.8	15.9	16.2	16.3	16.4	16.4	16.6	16.8	17.1	16.43
20	17.3	17.6	17.6	17.6	17.6	17.5	17.4	17.4	17.3	16.9	16.8	16.4	16.0	15.8	15.7	15.6	15.6	16.0	16.3	16.2	16.2	16.3	16.5	16.6	16.68
21	16.6	16.6	16.6	16.5	16.6	16.8	17.0	17.7	18.1	18.2	18.2	17.7	17.6	17.7	17.8	18.4	19.0	19.8	20.3	20.7	21.0	21.2	21.4	21.9	18.47
22	22.3	22.6	22.7	23.2	23.4	23.8	23.8	24.4	24.6	24.5	24.4	24.1	23.9	24.0	24.0	24.0	24.3	25.0	25.4	25.6	25.7	25.8	26.0	26.1	24.32
23	26.0	26.0	25.9	26.0	26.1	26.2	26.3	26.6	26.6	26.6	26.3	26.0	25.5	25.0	24.8	24.6	24.6	24.8	24.8	24.8	24.7	24.3	24.4	24.3	25.47
24	24.0	23.8	23.7	23.6	23.6	23.4	23.5	23.7	23.8	23.7	23.6	23.3	22.6	22.4	22.1	22.0	21.9	22.0	22.0	22.2	22.0	21.8	21.9	22.0	22.86
25	22.1	22.2	22.0	22.1	22.2	22.2	22.0	22.0	22.1	22.2	22.4	22.4	21.7	20.9	20.3	19.8	19.4	19.4	19.4	19.4	19.3	19.2	19.2	19.2	20.85
26	19.5	19.6	19.6	19.7	19.7	19.5	19.5	19.6	19.4	19.4	19.2	18.6	18.3	17.8	17.5	17.2	17.0	17.0	17.2	17.2	16.9	16.8	16.6	16.4	18.30
27	15.8	15.8	15.2	14.9	14.6	14.5	14.7	14.8	14.8	14.8	14.7	14.2	13.9	13.2	12.8	13.1	13.4	13.6	14.0	14.3	14.6	15.0	15.1	15.4	14.47
28	15.5	15.6	15.6	15.5	15.7	15.8	16.1	16.8	17.2	17.3	17.5	17.7	18.0	18.0	18.2	18.5	18.9	19.4	19.8	20.1	20.2	20.7	21.1	21.6	17.95
M.	23.40	23.36	23.22	23.13	23.15	23.18	23.33	23.63	23.75	23.78	23.80	23.50	23.22	22.95	22.87	22.82	22.94	23.18	23.35	23.39	23.40	23.45	23.45	23.50	23.32

März 1913. **Stündliche Barometerstände (700 mm +).** Zürich.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	21.9	22.2	22.1	22.1	22.4	23.0	23.8	23.8	23.8	23.8	24.0	23.9	23.9	23.8	23.9	23.6	23.6	23.8	24.0	23.8	23.9	24.0	24.0	24.0	23.44
2	23.8	23.8	23.5	23.4	23.6	23.5	23.8	24.2	24.8	24.6	24.7	25.0	24.8	25.0	24.7	24.7	25.1	25.7	26.0	26.4	26.8	27.1	27.8	27.8	24.98
3	28.1	28.1	28.1	28.1	28.0	27.9	27.9	28.1	28.2	28.2	28.0	27.7	27.2	26.7	26.4	26.3	26.2	26.1	26.2	26.3	26.3	26.3	26.4	26.2	27.21
4	26.0	26.1	25.9	25.8	26.2	26.2	26.0	26.4	26.9	27.2	27.7	27.6	27.2	26.7	26.4	26.0	26.0	26.0	26.2	26.4	26.6	26.6	26.8	27.0	26.50
5	27.2	27.6	27.4	27.4	27.6	27.6	28.0	28.5	28.8	29.0	29.2	29.2	28.9	28.8	28.8	29.0	29.0	29.2	29.4	29.6	29.5	29.6	29.6	29.6	28.69
6	29.6	29.6	29.6	29.6	29.6	29.7	29.8	29.8	29.8	29.7	29.4	29.0	28.3	27.7	27.3	26.8	26.6	26.6	26.7	26.8	26.9	27.1	27.0	27.0	28.33
7	27.1	26.9	26.6	26.2	26.2	26.2	26.2	26.3	26.3	26.4	26.1	25.5	24.5	23.5	23.1	22.6	22.4	22.2	22.4	22.4	22.5	22.3	22.0	21.6	24.48
8	21.5	21.0	20.6	20.4	20.3	20.4	20.5	20.5	20.4	20.2	20.1	20.3	20.2	21.4	22.5	23.9	25.0	26.1	26.9	27.2	27.4	27.8	28.0	28.6	22.97
9	28.9	28.9	29.1	29.3	29.7	30.4	30.8	31.4	31.8	31.9	32.2	32.4	32.2	32.2	32.2	32.6	32.7	33.0	33.5	33.6	33.6	33.6	**33.8**	33.6	31.81
10	33.4	33.1	33.1	33.3	33.3	33.1	33.0	33.5	33.4	33.1	32.8	32.5	31.8	31.6	31.4	31.1	31.1	31.1	31.2	31.2	31.4	31.4	31.4	31.4	32.24
11	31.5	31.2	30.7	30.5	30.4	30.2	30.4	30.2	29.8	29.3	29.0	28.3	27.7	27.3	26.8	26.3	26.0	26.1	26.5	26.8	27.2	27.6	27.8	28.0	28.57
12	28.2	28.2	28.3	28.4	28.4	28.4	28.5	28.6	28.6	28.3	28.1	27.6	26.7	25.9	25.0	24.4	23.8	23.3	23.0	22.7	22.4	22.5	22.4	22.3	26.00
13	22.4	22.2	21.8	21.6	21.6	21.7	22.0	22.0	22.3	22.4	22.2	22.2	22.0	21.8	21.8	21.8	21.9	22.2	22.3	22.4	22.8	23.4	23.6	23.6	22.25
14	23.9	24.2	24.0	24.2	24.3	24.7	24.9	25.0	25.0	24.7	24.4	24.0	23.3	22.8	22.5	22.4	22.4	22.6	22.8	22.7	22.8	22.9	23.0	23.1	23.61
15	23.2	23.1	22.8	22.8	23.2	23.6	24.0	24.1	24.1	24.2	24.2	24.4	24.7	25.2	25.6	26.2	26.8	27.4	28.0	28.4	28.5	28.8	28.6	27.8	25.40
16	27.3	26.7	25.8	25.5	25.0	25.0	24.9	24.9	24.8	24.4	23.8	23.1	22.4	21.9	21.3	21.0	21.0	20.9	20.8	20.9	21.1	21.2	21.0	20.5	23.13
17	19.9	19.4	18.8	18.4	19.0	17.4	17.2	16.6	16.1	15.5	14.6	13.8	12.6	11.0	10.2	09.9	10.0	09.6	09.0	08.8	09.0	10.0	10.2	10.8	13.62
18	11.0	11.3	11.2	11.2	11.3	11.3	11.5	11.6	12.0	12.0	12.1	12.3	12.3	12.0	12.2	12.2	12.2	12.4	12.8	12.8	12.9	12.9	12.6	12.2	12.01
19	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.0	11.9	11.7	11.4	10.8	10.4	09.6	09.0	08.5	**08.2**	08.5	09.1	10.2	10.9	11.4	12.0	12.2	10.93
20	12.2	12.4	12.4	13.1	13.7	13.9	14.4	14.4	14.8	15.8	16.1	15.9	15.9	15.6	15.6	15.2	15.1	15.0	15.1	15.4	15.5	15.5	15.6	15.9	14.77
21	15.9	15.5	15.2	15.4	16.0	16.2	17.3	17.5	17.8	18.1	18.4	18.4	18.3	18.6	18.7	18.6	18.6	18.8	18.8	18.9	18.7	19.0	19.0	19.1	17.78
22	19.2	18.8	18.5	18.3	18.3	18.2	17.9	17.8	17.5	17.1	16.2	15.4	14.9	14.0	13.4	13.0	12.4	12.0	11.8	11.8	11.7	12.3	12.5	15.20
23	12.8	12.6	12.8	13.2	13.9	14.4	15.3	15.5	15.4	14.9	14.8	14.4	13.6	13.7	13.6	13.4	13.3	13.2	13.0	12.8	12.7	12.8	12.7	12.8	13.65
24	12.8	12.8	13.0	13.4	14.2	14.7	15.0	15.5	16.4	16.7	17.2	17.6	17.8	18.2	18.6	19.0	19.3	19.8	20.4	20.7	20.8	21.4	21.4	21.4	17.42
25	21.5	21.4	21.6	21.6	21.6	21.9	22.1	22.4	22.6	22.9	23.0	23.0	22.8	22.4	22.2	22.0	22.0	21.8	21.6	21.3	21.0	20.8	20.4	20.2	21.84
26	20.0	19.7	19.6	19.4	18.6	18.8	18.7	18.0	17.5	16.7	16.0	15.3	14.6	13.2	12.2	11.6	11.4	11.0	11.4	11.8	12.4	13.5	14.4	15.0	15.45
27	15.2	15.3	15.0	15.3	15.5	15.7	15.8	16.0	15.9	15.6	15.5	15.2	15.0	14.7	14.7	14.4	14.3	14.2	14.2	14.2	14.1	13.9	13.7	13.2	14.86
28	12.9	12.5	12.4	12.3	12.4	12.6	12.5	12.3	12.2	12.1	12.0	11.8	12.2	12.4	12.4	12.4	12.3	12.8	13.2	13.5	13.7	13.7	13.4	13.4	12.65
29	13.0	12.3	12.2	12.4	12.5	12.6	13.0	13.0	12.6	13.0	13.6	13.6	14.1	14.0	14.2	14.4	14.2	14.8	15.0	15.2	15.3	15.5	15.6	15.6	13.82
30	15.2	15.1	14.9	14.8	14.7	14.8	15.0	14.8	14.9	14.9	14.8	14.7	14.5	14.3	14.3	14.2	13.8	13.6	13.6	13.9	14.3	14.6	14.6	14.5	14.53
31	14.4	14.2	13.6	13.4	13.0	13.0	13.1	12.8	12.8	13.0	13.0	13.0	13.2	13.2	13.2	13.6	14.4	15.1	15.8	16.1	16.4	16.8	16.9	16.9	14.20
M.	21.03	20.91	20.78	20.78	20.83	20.95	21.13	21.21	21.25	21.21	21.12	20.90	20.58	20.30	20.13	20.04	20.03	20.16	20.35	20.48	20.62	20.83	20.89	20.90	20.72

April 1913. (700 mm +). Zürich.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	17.2	17.2	17.2	17.2	17.8	18.2	18.7	19.2	19.6	19.6	19.6	19.7	19.9	19.8	20.0	20.0	20.0	20.4	20.6	20.8	20.8	21.0	21.4	21.5	19.47
2	21.9	22.0	22.2	22.6	22.8	23.0	23.3	23.6	**23.7**	23.6	23.4	23.1	22.8	22.7	22.4	22.1	22.0	22.1	21.9	21.6	21.3	20.8	20.3	19.6	22.28
3	19.0	18.3	17.8	17.4	17.0	16.8	16.8	16.3	16.0	16.1	15.9	15.5	15.3	15.1	14.8	14.7	14.7	14.8	14.9	14.9	14.9	14.7	14.6	14.3	15.86
4	13.8	13.4	13.2	13.2	13.0	13.0	13.1	12.8	12.3	11.8	11.5	11.3	11.0	10.7	10.4	10.2	10.0	09.6	09.4	09.0	08.8	08.4	08.0	07.7	11.07
5	07.0	06.2	06.1	06.2	05.8	06.2	07.4	07.6	08.0	08.2	08.7	09.0	09.2	09.2	09.1	09.1	09.3	09.2	09.3	09.6	09.6	09.4	09.4	09.3	8.25
6	09.3	09.0	08.8	08.7	08.8	09.2	09.5	09.3	09.3	09.5	09.3	08.9	08.4	08.2	08.0	07.9	08.0	08.2	08.7	09.2	09.4	09.6	09.6	09.5	8.93
7	09.4	09.2	08.8	08.5	08.3	08.2	08.2	08.0	08.0	07.8	07.6	07.5	07.2	06.9	06.6	06.5	06.6	07.0	07.6	08.2	08.6	09.2	09.4	09.8	8.05
8	10.0	09.9	10.0	10.2	10.4	11.0	11.5	11.8	12.4	12.2	12.6	12.8	12.9	13.0	13.1	13.2	13.4	13.8	14.2	14.4	14.4	14.6	14.6	14.6	12.54
9	14.5	14.4	14.3	14.4	14.4	14.6	14.8	15.1	15.4	15.5	15.7	15.9	16.0	16.2	16.3	16.5	17.0	17.2	17.6	18.0	18.2	18.5	18.7	18.7	16.16
10	18.6	18.6	18.4	18.4	18.4	18.5	18.5	18.5	18.4	17.8	17.3	16.8	16.6	16.1	15.9	15.6	15.3	15.4	15.5	15.8	16.0	15.6	15.7	15.6	16.97
11	15.4	15.2	15.2	15.0	15.1	15.3	15.7	15.8	15.7	15.0	15.7	15.6	15.4	14.7	14.6	14.4	14.3	14.2	14.0	14.0	13.6	12.8	12.3	11.4	14.63
12	10.4	09.0	07.5	06.2	05.0	04.4	03.7	**02.6**	03.0	03.7	04.6	04.7	05.0	05.2	05.4	06.4	08.5	10.4	12.2	13.4	13.9	14.3	14.7	14.8	7.88
13	14.8	14.8	14.9	15.1	15.3	15.8	15.9	16.3	16.4	16.7	16.8	16.8	16.9	17.0	17.2	17.6	17.8	18.0	18.4	18.7	19.0	19.1	19.5	19.7	17.02
14	19.6	19.8	19.9	20.0	20.3	20.6	20.9	21.0	21.1	21.1	21.0	21.0	21.0	20.9	20.8	20.8	20.8	21.0	21.2	21.4	21.4	21.3	21.2	21.1	20.80
15	20.8	20.6	20.6	20.7	28.8	20.9	21.1	20.9	20.8	20.7	20.4	20.3	20.2	20.0	19.7	19.8	19.8	19.9	20.0	20.4	20.4	20.3	20.3	20.2	20.40
16	20.1	19.8	19.8	19.4	19.2	19.0	19.1	18.8	18.5	18.3	17.9	17.4	16.9	16.3	15.8	15.5	15.4	15.4	15.4	15.4	15.3	15.6	15.4	15.0	17.28
17	14.4	14.1	13.8	13.6	13.4	13.5	13.7	13.5	13.2	13.4	13.0	12.5	12.2	12.0	12.1	12.2	12.8	13.7	14.1	15.2	15.7	16.2	16.1	16.2	13.77
18	16.2	16.2	16.6	17.4	17.6	18.2	18.5	19.2	19.2	19.0	18.8	18.5	18.4	17.9	17.6	17.8	18.1	18.4	18.8	19.0	18.9	19.1	19.4	19.4	18.26
19	19.5	19.4	19.2	18.9	18.8	18.8	18.7	18.4	18.2	18.4	18.2	17.8	17.6	17.3	17.0	16.7	16.4	16.2	16.4	16.6	16.6	16.5	16.4	16.3	17.68
20	16.0	15.8	15.8	15.7	15.8	16.0	16.7	17.1	17.6	18.0	18.3	18.4	19.0	19.0	19.2	19.2	19.2	19.5	20.2	20.6	21.2	21.4	21.2	21.1	18.42
21	20.8	20.6	20.4	20.0	20.0	20.0	20.3	20.4	20.4	20.5	20.5	20.3	20.2	19.7	19.4	19.1	19.0	19.8	19.0	19.4	19.4	19.6	19.6	19.6	19.88
22	19.6	19.6	19.5	19.6	19.7	19.9	19.9	20.0	20.1	20.0	20.0	19.6	19.6	19.3	18.6	18.4	18.3	18.2	18.2	18.5	18.5	18.3	18.3	18.2	19.16
23	18.1	18.0	18.0	17.9	18.0	18.0	18.4	18.1	18.0	18.1	17.9	17.6	17.4	17.0	16.6	16.4	16.2	16.2	16.0	16.1	16.2	15.8	15.6	15.4	17.12
24	15.2	14.8	14.6	14.6	14.6	14.4	14.6	14.6	14.6	14.8	14.8	14.8	14.6	14.0	13.4	13.0	13.2	13.4	13.7	13.9	14.1	14.2	14.3	14.4	14.28
25	14.1	14.1	13.8	13.7	13.7	13.8	14.1	14.0	14.3	14.3	14.2	14.0	13.8	13.6	13.3	13.4	13.5	13.5	13.6	13.8	14.1	14.1	14.2	14.5	13.90
26	14.4	14.7	15.0	15.2	15.5	15.7	15.8	15.8	15.7	15.5	15.0	14.7	14.5	13.9	13.4	13.2	13.0	12.9	12.8	13.0	12.9	12.6	12.6	12.4	14.17
27	12.3	12.3	12.2	12.4	12.4	12.6	13.0	12.8	12.8	12.7	12.5	12.4	12.2	12.0	12.0	12.2	12.2	12.2	12.7	13.2	14.0	14.8	15.2	15.6	13.02
28	16.0	16.0	16.4	16.6	17.2	17.7	17.9	18.2	18.2	18.4	18.4	18.2	18.5	18.2	18.0	18.0	18.2	18.4	18.6	19.4	19.7	10.0	20.4	20.5	18.21
29	20.8	21.0	21.4	21.4	21.6	21.9	22.1	22.0	21.8	21.1	20.6	20.0	19.5	18.8	18.4	18.2	17.9	17.8	17.8	18.2	18.5	18.5	18.5	18.6	19.85
30	18.4	18.2	18.2	18.4	18.6	18.7	18.8	18.5	18.2	18.1	17.6	16.9	16.6	15.8	15.3	15.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.0	16.67
M.	15.92	15.74	15.65	15.62	15.64	15.80	16.02	16.01	16.03	16.02	15.93	15.73	15.63	15.35	15.15	15.11	15.19	15.37	15.60	15.91	16.03	16.05	16.07	16.01	15.73

Mai 1913. Stündliche Barometerstände (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	15.0	14.9	15.0	15.0	15.0	14.9	15.0	14.6	14.4	14.5	14.2	14.2	14.3	14.5	15.2	15.8	16.7	17.4	17.8	18.5	18.7	18.7	18.6	18.4	15.89
2	18.3	18.0	17.8	17.8	17.8	17.9	17.9	17.8	17.8	17.7	17.5	17.4	17.3	17.0	16.8	16.7	16.6	16.6	16.6	16.8	16.7	16.6	16.3	16.0	17.24
3	15.6	15.4	15.2	15.2	15.2	15.2	15.3	15.0	14.7	14.4	14.2	14.0	13.8	13.2	13.0	12.8	12.6	12.5	12.5	12.5	12.6	12.5	12.3	12.1	13.83
4	11.9	11.7	11.4	11.1	11.0	11.0	10.7	10.0	09.4	09.1	08.6	08.3	08.2	08.6	08.9	09.0	09.6	10.2	10.5	10.7	10.6	10.5	10.4	10.2	10.07
5	09.8	09.4	09.4	09.0	08.8	08.8	08.9	08.7	08.7	08.4	08.4	08.5	08.3	08.1	08.0	08.0	07.8	08.0	08.3	08.8	09.0	09.0	09.1	09.3	8.69
6	09.2	09.3	09.2	09.3	09.6	09.8	10.0	09.9	10.0	09.9	09.9	10.0	10.4	10.3	10.2	10.4	10.6	10.8	11.0	11.4	11.5	11.5	11.5	11.3	10.29
7	11.2	11.0	11.0	10.9	11.0	11.3	11.8	12.0	12.6	13.2	13.5	13.6	13.8	13.9	14.0	14.4	14.6	15.0	15.4	15.8	15.9	16.0	16.0	15.9	13.49
8	15.8	15.7	15.6	15.5	15.4	15.4	15.3	15.2	14.8	14.5	14.4	14.2	13.7	13.4	13.2	13.0	13.0	13.1	13.2	13.3	13.4	13.3	13.2	13.4	14.21
9	13.3	13.5	13.6	13.5	13.6	13.7	13.6	13.6	13.4	13.4	13.3	13.0	12.7	12.4	12.2	12.1	12.2	12.2	12.4	12.9	12.9	13.4	13.5	13.8	13.09
10	14.1	14.2	14.4	14.4	14.5	14.6	14.4	14.4	14.2	13.8	13.4	12.8	12.3	11.8	11.6	11.6	11.0	11.9	14.0	15.8	16.7	17.2	17.4	17.2	14.07
11	17.2	17.5	17.6	17.8	18.0	18.6	18.8	19.2	19.6	19.7	19.7	19.6	19.8	19.8	19.8	20.0	20.0	20.3	20.5	20.8	21.2	21.4	21.6	21.5	19.58
12	21.4	21.4	21.3	21.3	21.2	21.3	21.3	21.4	21.2	21.0	20.8	20.6	20.1	19.8	19.7	19.6	19.4	19.4	19.3	19.4	19.5	19.4	19.4	19.1	20.35
13	19.0	18.8	18.8	18.8	19.0	19.0	19.2	19.2	19.2	19.1	19.0	18.9	18.7	18.5	18.4	18.4	18.3	18.3	18.4	18.6	18.8	18.9	18.9	18.8	18.79
14	18.8	18.8	18.8	18.9	19.0	19.6	19.7	19.8	19.7	19.3	19.0	18.4	18.2	17.8	17.8	17.5	17.4	17.2	17.2	17.4	17.6	17.7	18.1	18.0	18.40
15	17.6	17.5	17.3	17.2	17.6	18.2	18.1	17.8	17.6	17.4	17.4	17.0	16.9	16.4	16.2	16.0	15.8	16.0	16.2	16.2	16.1	15.9	15.6	15.5	16.81
16	15.4	15.0	14.0	13.6	13.3	13.2	13.5	13.1	12.7	12.6	12.3	11.7	11.3	10.8	10.4	10.3	10.2	10.2	10.2	10.0	10.3	10.3	11.0	12.0	11.97
17	12.4	12.8	13.4	13.5	13.7	13.7	13.7	13.5	13.2	12.7	12.4	12.2	11.9	11.4	11.6	12.7	12.0	12.2	12.4	12.9	13.1	13.4	13.6	13.4	12.83
18	13.2	13.1	13.0	12.9	12.9	13.1	13.1	13.1	13.0	13.2	13.2	13.2	13.3	13.6	14.2	14.1	14.0	15.2	15.3	16.2	16.8	17.0	17.3	17.4	14.22
19	17.4	17.6	17.5	17.5	17.7	18.1	18.4	18.6	19.0	19.1	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.6	19.9	20.6	21.1	21.6	21.9	21.8	19.29
20	21.7	21.7	21.8	22.0	22.4	22.6	23.0	23.3	23.5	23.3	23.4	23.4	23.5	23.4	23.5	23.5	23.6	23.6	24.0	24.2	24.4	24.6	24.8	24.8	23.33
21	24.7	24.7	24.5	24.4	24.6	24.7	24.7	24.6	24.3	23.9	23.7	23.4	23.2	22.6	22.4	22.1	21.8	21.7	21.6	21.6	21.5	21.4	21.4	21.3	23.12
22	21.2	21.0	20.8	20.9	21.0	21.4	21.6	21.4	21.2	21.0	21.0	21.4	21.0	21.4	21.6	21.9	22.4	23.2	23.8	24.4	24.9	25.2	25.5	25.4	22.28
23	25.3	25.3	25.2	25.3	25.4	25.5	25.6	25.6	25.4	25.2	25.4	25.2	25.1	24.8	24.7	24.8	24.8	25.0	25.0	25.2	25.2	25.3	25.2	25.2	25.20
24	25.0	24.9	24.8	24.9	25.0	25.2	25.5	25.8	26.0	26.1	26.1	26.0	25.9	25.9	26.1	26.2	26.0	26.0	26.0	26.2	26.5	26.4	26.5	26.6	25.82
25	26.4	25.8	25.6	25.6	25.7	25.8	26.0	25.8	25.6	25.8	25.8	25.6	25.4	25.4	25.2	24.9	24.8	24.8	24.8	25.1	25.4	25.5	25.6	25.4	25.49
26	25.4	25.4	25.4	25.7	25.8	26.1	26.2	26.3	26.3	25.9	25.6	25.4	25.2	24.8	24.6	24.4	24.0	24.0	24.1	24.2	24.5	24.4	24.4	24.4	25.10
27	24.2	24.2	24.2	24.2	24.4	24.5	24.6	24.5	24.1	23.8	23.7	23.4	22.9	22.6	22.2	21.8	21.6	21.7	21.9	22.0	22.4	22.5	22.9	22.8	23.21
28	22.4	22.0	21.9	22.1	22.3	23.0	23.6	22.8	22.8	22.7	22.5	22.2	21.8	21.4	21.2	21.4	21.5	21.6	21.7	22.2	22.6	22.8	22.9	22.9	22.26
29	22.9	22.8	22.8	22.8	22.8	22.4	22.3	21.8	21.6	21.1	20.7	20.4	20.2	20.1	19.8	19.6	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	20.83
30	19.5	19.6	19.7	19.8	19.9	19.8	19.7	19.7	19.2	19.2	18.9	18.8	18.8	18.9	18.8	19.2	19.6	19.4	19.0	19.0	18.8	18.8	18.9	18.8	19 24
31	18.5	18.4	18.3	18.2	18.3	18.1	18.6	18.4	18.4	18.1	17.6	17.4	16.9	16.2	15.7	15.4	17.4	17.7	18.2	18.2	19.0	19.5	19.5	19.5	17.98
M.	18.19	18.11	18.04	18.04	18.13	18.27	18.39	18.29	18.18	18.04	17.90	17.73	17.55	17.36	17.30	17.32	17.36	17.56	17.76	18.08	18.30	18.39	18.48	18.44	17.97

Juni 1913. (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	19.5	19.2	19.0	18.9	18.9	18.6	18.4	18.3	17.7	16.9	16.4	16.1	15.8	16.5	17.5	18.1	18.4	18.8	19.3	20.3	20.8	20.8	20.8	20.8	18.58
2	20.8	20.6	20.5	20.3	20.4	20.2	19.9	20.0	20.0	20.0	20.1	20.0	20.0	19.4	19.1	18.6	18.3	18.2	18.2	18.8	18.9	19.1	18.9	19.0	19.55
3	19.5	19.6	19.6	20.3	20.7	21.0	21.2	21.5	21.8	21.6	21.2	21.0	20.5	20.1	19.9	19.6	19.9	20.1	20.3	20.7	21.1	21.4	21.7	22.0	20.68
4	22.1	22.0	21.7	21.4	21.2	21.1	21.5	21.5	21.4	21.1	21.0	20.5	19.9	19.7	19.9	19.8	19.3	20.2	20.9	21.8	22.2	22.2	22.2	22.3	21.12
5	21.6	21.6	21.3	21.2	21.0	20.9	21.0	20.8	20.4	19.9	19.7	19.6	19.5	19.2	19.3	20.4	19.9	20.4	20.4	20.5	21.0	21.4	21.4	21.4	20.57
6	21.3	21.2	21.3	21.3	21.5	21.8	22.1	22.3	22.2	22.0	22.0	22.2	22.5	22.3	22.2	22.2	22.2	22.1	22.6	22.7	23.4	23.7	23.8	24.1	22.29
7	24.0	24.1	24.3	24.3	24.4	24.9	25.2	25.3	25.1	25.0	24.9	24.9	24.6	24.4	24.3	24.1	24.1	24.2	24.3	24.4	24.8	24.8	24.8	24.7	24.58
8	24.7	24.5	24.4	24.4	24.3	24.3	24.0	23.8	23.3	22.9	22.4	22.1	21.9	21.6	21.3	21.1	20.8	20.7	20.6	21.1	21.6	21.7	21.9	21.9	22.55
9	21.9	21.9	22.0	22.3	22.6	22.9	23.3	23.3	23.4	23.5	23.6	23.6	23.4	23.2	23.1	22.9	23.0	23.0	23.1	23.5	23.8	23.8	23.7	23.08
10	23.6	23.5	23.4	23.4	23.4	23.3	23.4	23.2	22.9	22.7	22.3	21.9	21.3	20.7	20.2	19.8	19.4	19.5	19.7	19.8	20.2	20.3	20.4	20.5	21.62
11	20.4	20.2	20.2	20.6	20.7	21.0	21.3	21.9	22.2	22.4	22.4	22.7	22.5	22.1	21.9	21.9	21.7	21.6	22.0	22.1	22.3	22.1	21.9	21.9	21.67
12	21.7	21.3	20.8	20.9	21.0	21.4	21.5	21.2	21.3	21.5	21.7	21.7	21.7	21.9	22.3	22.7	22.9	23.1	23.3	23.4	23.8	24.2	24.2	24.2	22.24
13	24.0	23.8	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.5	23.6	23.6	23.5	23.2	23.2	23.4	23.3	23.3	23.6	23.8	24.3	24.6	24.6	24.8	23.75
14	24.9	24.9	25.0	25.3	25.6	25.8	25.9	26.1	26.1	25.8	25.8	25.5	25.3	25.0	24.5	24.1	23.8	23.9	24.1	24.7	25.3	25.3	25.1	25.1	25.12
15	25.0	24.8	24.5	24.6	24.7	24.8	25.0	25.0	24.9	25.0	24.9	24.7	24.4	24.0	23.7	23.4	23.4	23.4	23.4	23.4	23.7	23.8	24.0	24.0	24.27
16	24.0	24.0	24.0	24.1	24.2	24.2	24.1	23.9	23.7	23.6	23.4	23.1	22.8	22.4	22.1	21.8	21.5	21.5	21.7	21.7	22.0	21.9	22.1	22.1	22.91
17	22.1	22.1	22.1	22.1	22.3	22.3	22.5	22.4	22.3	22.1	21.9	21.4	21.0	20.7	20.3	20.1	20.2	20.1	20.6	20.9	21.3	21.6	21.6	21.5	21.48
18	21.3	21.1	21.0	20.9	21.1	21.1	21.1	21.1	21.0	20.8	20.5	20.2	19.7	19.2	18.8	18.6	18.3	18.5	19.2	19.4	20.2	20.6	20.8	21.0	20.28
19	20.9	20.8	20.5	20.5	20.7	20.9	21.2	21.1	21.2	21.3	21.1	20.7	20.1	20.2	19.9	20.2	20.5	20.7	20.8	21.0	21.5	21.4	21.3	21.2	20.82
20	20.8	20.6	20.5	20.3	20.7	20.7	20.9	20.8	20.9	21.0	21.1	21.0	20.9	20.7	20.4	20.2	20.0	20.1	20.2	20.4	20.8	20.9	21.1	21.4	20.70
21	21.4	21.4	21.2	21.1	21.3	21.3	21.2	21.0	20.9	20.8	21.0	20.8	20.7	20.6	20.4	20.4	20.2	20.2	20.2	20.3	20.3	20.4	20.4	20.4	20.75
22	20.4	20.5	20.6	20.8	21.1	21.3	21.6	21.8	21.6	21.9	21.8	22.1	22.5	22.8	23.0	23.3	23.3	23.4	23.6	23.8	24.1	24.2	24.2	24.1	22.41
23	24.1	24.1	24.1	24.0	23.9	23.9	23.9	23.8	23.7	23.6	23.4	23.2	23.0	22.7	22.7	22.4	22.1	22.0	21.8	21.9	21.9	21.9	21.8	21.2	22.96
24	21.2	21.2	21.1	21.2	21.2	21.3	21.8	21.7	21.6	21.1	20.8	20.4	20.4	20.3	20.2	19.7	19.7	19.7	19.7	19.9	20.2	20.4	20.5	20.1	20.64
25	19.6	19.4	19.1	19.0	18.9	19.0	19.5	19.5	19.2	18.9	18.6	18.4	18.4	18.5	18.6	18.7	18.7	18.7	18.7	18.8	19.1	19.4	19.7	19.6	19.00
26	20.0	20.0	20.0	20.3	20.6	21.1	21.6	22.0	22.1	22.3	22.5	22.4	22.5	22.6	22.9	23.2	23.2	23.1	23.3	23.5	23.6	23.6	23.5	23.3	22.22
27	23.2	22.9	22.6	22.6	22.4	22.3	22.6	22.4	21.9	21.8	21.8	21.6	21.7	21.3	21.5	21.3	21.3	21.5	21.9	22.1	22.7	22.3	22.3	22.3	22.10
28	21.9	22.3	22.7	23.4	23.8	24.2	24.9	25.0	25.1	25.1	25.4	25.3	25.5	25.5	25.7	25.8	25.9	26.3	26.6	27.1	27.4	27.3	27.3	27.2	25.28
29	26.8	26.3	26.1	26.1	25.9	25.9	26.0	26.0	25.8	25.7	25.8	25.1	25.1	25.2	25.3	25.2	25.0	24.8	24.6	24.5	24.4	24.2	24.4	24.5	25.36
30	24.7	24.8	24.7	24.8	24.9	25.0	25.2	25.0	24.9	24.9	24.8	24.4	24.6	24.2	24.0	23.7	23.6	23.6	23.8	24.1	24.4	24.5	24.4	24.3	24.47
M.	22.25	22.16	22.07	22.15	22.24	22.34	22.52	22.51	22.41	22.29	22.20	22.01	21.86	21.67	21.61	21.56	21.46	21.56	21.75	22.00	22.36	22.46	22.50	22.49	22.10

Juli 1913. Stündliche Barometerstände (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	24.1	23.9	23.8	23.8	23.8	23.9	23.8	23.8	23.6	23.5	23.6	23.5	23.4	23.1	22.8	22.7	22.5	22.5	22.4	22.5	22.7	22.7	22.7	22.6	23.24
2	22.6	22.5	22.3	22.3	22.2	22.1	22.0	22.0	21.9	21.6	21.2	20.7	20.5	20.2	19.9	19.7	19.4	19.1	19.2	19.2	19.3	19.4	19.2	19.0	20.73
3	18.9	18.7	18.5	18.4	18.4	18.5	18.4	18.5	18.2	18.4	18.3	18.0	17.9	17.7	17.6	17.3	17.3	17.2	17.2	17.5	17.8	17.8	17.9	17.9	18.01
4	17.6	17.4	17.2	17.2	17.4	17.3	17.5	17.3	17.1	16.8	16.8	16.8	16.6	16.6	16.6	16.2	16.0	16.0	16.1	16.4	16.7	16.8	17.1	17.2	16.86
5	17.0	17.0	16.8	16.8	16.8	16.8	16.7	16.7	16.8	16.8	16.9	17.0	16.9	16.8	16.5	16.5	16.4	16.4	16.4	16.3	16.4	16.3	16.2	15.9	16.63
6	15.4	15.1	14.8	14.5	14.2	14.1	14.2	14.2	14.0	14.1	14.0	13.9	13.8	13.9	13.9	13.7	**13.4**	13.8	14.1	14.3	14.7	14.6	14.5	14.4	14.23
7	14.3	14.0	13.9	13.8	13.7	13.8	14.1	14.3	14.4	14.5	14.4	14.3	14.6	15.2	15.3	15.4	15.4	15.5	15.8	15.9	16.5	16.6	16.5	16.6	14.95
8	16.7	16.7	16.6	16.6	16.6	16.5	16.5	16.7	16.6	16.7	16.5	16.8	16.6	16.6	16.5	17.0	17.3	17.7	18.2	18.6	19.3	19.7	19.9	20.1	17.38
9	20.6	21.0	21.1	21.7	22.2	22.7	23.1	23.4	23.3	23.4	23.4	23.4	23.1	22.9	22.8	22.3	21.9	21.9	21.8	21.7	21.7	21.5	21.3	20.9	22.21
10	20.4	20.0	19.7	19.3	18.8	18.4	18.2	17.7	17.3	16.8	16.7	16.7	16.5	16.4	16.2	15.9	15.6	15.6	15.5	15.2	15.1	14.9	14.8	14.6	16.93
11	14.4	14.2	14.1	14.2	14.1	14.2	14.3	14.4	14.4	14.7	14.8	15.2	15.6	16.0	16.1	16.3	16.7	16.9	17.3	17.6	18.0	18.3	18.5	18.5	15.78
12	18.5	18.5	18.8	19.0	19.5	19.9	20.2	20.4	20.6	20.7	20.7	20.6	20.7	20.7	20.6	20.4	20.4	20.5	20.5	20.7	21.1	21.2	21.3	21.3	20.28
13	21.3	21.3	21.5	21.4	21.5	21.9	21.9	21.8	21.6	21.7	21.5	21.4	21.3	21.2	21.2	21.1	20.9	21.1	21.2	21.5	21.8	21.9	21.9	21.8	21.49
14	21.7	21.7	21.7	21.7	21.8	21.7	21.5	21.2	21.0	20.7	20.5	20.0	19.3	19.1	18.6	18.0	17.5	17.1	17.0	17.3	17.8	17.6	17.4	17.1	19.53
15	17.6	17.2	17.2	16.5	16.7	17.3	17.5	17.5	17.4	17.7	17.9	18.0	18.0	18.1	18.3	18.3	18.3	18.3	18.4	18.6	18.9	19.2	19.2	19.0	17.96
16	18.8	18.6	18.7	18.9	18.9	19.0	19.1	19.1	19.0	18.9	18.7	18.7	19.0	18.7	19.0	18.8	18.8	18.7	19.0	19.3	19.6	19.8	19.8	19.7	19.02
17	19.8	20.0	20.1	20.3	20.4	20.7	21.1	21.3	21.4	21.7	22.0	22.0	22.3	22.5	22.9	23.0	23.1	23.3	23.4	23.9	24.0	24.2	24.3	24.3	22.17
18	24.4	24.3	24.2	24.3	24.4	**24**.6	24.3	24.3	24.0	23.8	23.6	23.2	22.8	22.7	22.4	22.2	22.1	22.0	22.1	22.3	22.3	22.3	22.4	22.2	23.22
19	22.1	21.8	21.8	21.8	22.0	22.0	22.1	22.1	22.0	21.9	21.7	21.3	21.0	20.9	20.6	20.3	19.9	19.7	19.8	20.2	20.5	20.6	20.4	19.9	21.10
20	19.5	19.0	18.7	18.5	18.5	18.5	18.6	18.6	18.5	18.7	18.5	18.5	18.6	19.0	19.3	19.7	19.8	20.3	20.6	20.9	21.3	21.4	21.5	21.3	19.51
21	21.7	21.8	21.9	21.8	21.8	21.8	21.8	21.8	21.8	21.7	21.4	21.4	21.3	21.1	21.1	21.1	21.1	21.2	21.3	21.5	21.8	22.0	22.0	22.0	21.59
22	21.8	21.5	21.4	21.3	21.2	21.2	21.1	21.0	20.7	20.7	20.6	20.2	19.8	19.9	19.6	19.3	18.8	18.4	18.1	17.9	18.0	18.0	18.2	18.3	19.88
23	17.7	17.4	17.2	17.0	16.9	16.9	16.9	16.9	16.8	16.7	16.8	17.0	16.7	16.5	16.3	16.2	16.0	16.1	16.0	15.8	15.9	15.7	15.4	15.3	16.50
24	15.0	14.8	14.7	14.9	15.0	15.2	15.5	15.7	15.7	16.1	16.3	16.5	16.7	17.0	17.1	17.2	17.3	17.5	17.8	18.2	18.7	18.8	19.0	19.1	16.66
25	19.0	19.0	18.9	19.0	19.1	19.2	19.3	19.3	19.4	19.3	19.0	19.0	18.9	18.6	18.2	18.2	18.1	18.0	18.1	18.3	18.8	19.0	19.3	19.3	18.85
26	19.1	19.3	19.3	19.3	19.5	19.8	20.0	20.0	19.9	19.9	19.9	20.0	19.9	19.9	19.8	19.6	19.5	19.7	19.9	20.4	20.8	21.0	21.1	21.3	19.95
27	21.6	21.5	21.4	21.4	21.8	22.0	22.2	22.4	22.4	22.3	22.1	21.9	21.7	21.4	21.3	21.0	21.9	22.4	22.5	22.7	22.7	22.5	22.4	22.1	21.98
28	21.9	21.9	21.9	21.8	21.7	21.8	21.9	22.2	22.1	21.8	21.5	21.2	21.0	20.8	20.8	20.4	20.2	20.1	20.3	20.6	20.8	20.8	20.7	20.5	21.20
29	20.4	20.3	19.9	19.9	20.1	20.3	20.3	20.1	19.9	19.8	19.6	19.5	19.2	18.9	18.7	18.5	18.3	18.3	18.5	18.6	18.8	19.1	19.1	19.1	19.38
30	19.1	19.0	18.9	18.9	18.8	18.8	18.7	18.4	18.1	17.9	17.6	17.3	16.9	16.8	16.6	16.3	16.2	16.4	16.7	17.2	17.3	17.1	16.6	16.7	17.60
31	16.4	16.3	16.3	16.5	16.8	16.9	17.0	17.3	17.3	17.3	17.2	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.4	17.8	18.2	18.3	18.4	18.4	17.23
M.	19.34	19.22	19.14	19.12	19.18	19.28	19.35	19.37	19.26	19.25	19.14	19.07	18.96	18.91	18.83	18.70	18.62	18.67	18.79	19.00	19.27	19.33	19.32	19.26	19.10

August 1913. (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	18.4	18.5	18.5	19.0	19.2	19.4	19.5	19.5	19.4	19.2	19.3	19.5	19.6	19.7	19.6	19.8	19.9	20.2	20.4	20.9	21.1	21.3	21.3	21.4	19.78
2	21.3	21.2	21.2	21.1	21.2	21.3	21.5	21.5	21.3	21.4	21.3	21.2	21.1	21.0	20.6	20.5	20.3	20.2	20.1	20.3	20.5	20.9	20.9	20.7	20.94
3	20.5	20.3	20.0	19.8	20.0	20.0	20.0	20.1	20.1	19.9	19.6	19.2	19.1	18.8	18.5	18.2	18.0	18.0	18.3	18.6	18.8	18.7	18.8	18.8	19.25
4	18.7	18.3	18.3	18.3	18.5	18.7	18.7	18.7	18.4	18.3	18.2	18.1	18.0	17.9	17.5	17.3	17.0	17.0	17.1	17.2	17.2	17.2	17.3	17.2	17.88
5	17.2	17.1	17.3	17.4	17.5	17.5	17.4	17.3	17.1	16.8	16.7	16.4	16.5	16.4	16.3	16.1	15.8	15.9	15.9	16.0	15.9	15.7	15.6	15.1	16.54
6	16.0	16.1	16.0	15.8	15.7	15.7	15.7	15.5	15.3	14.8	14.4	14.8	15.0	15.0	15.3	15.6	15.9	16.1	16.5	16.8	17.2	17.2	17.4	17.3	15.88
7	17.2	17.2	17.3	17.3	17.4	17.9	18.1	18.3	18.6	18.6	18.5	18.6	18.6	18.4	18.5	18.4	18.4	18.5	18.6	19.0	19.3	19.2	19.2	19.1	18.34
8	19.1	19.0	18.7	18.3	18.3	18.5	18.8	18.8	18.6	18.7	18.6	18.4	18.2	17.9	17.7	17.5	17.4	17.3	17.2	17.3	17.2	17.2	17.0	16.7	18.02
9	16.4	16.4	16.2	16.2	16.3	16.3	16.3	16.6	16.4	16.5	16.5	16.6	16.7	16.8	17.0	16.9	16.6	16.6	16.9	17.6	18.2	18.4	18.6	18.6	16.90
10	19.0	18.9	18.7	18.7	18.9	19.1	19.5	19.9	20.2	20.5	20.3	20.4	20.4	20.2	20.6	20.6	20.4	21.0	21.1	21.6	21.9	21.9	21.9	21.8	20.31
11	21.7	21.6	21.6	21.7	21.7	21.9	22.2	21.9	21.9	21.7	21.6	21.5	21.3	21.2	20.9	20.7	20.6	20.7	20.8	21.1	21.1	21.0	20.9	20.5	21.32
12	20.4	20.2	20.1	19.9	20.0	19.8	20.2	20.3	20.3	20.2	20.1	20.2	20.1	20.0	20.0	20.1	20.2	20.2	20.6	20.9	20.9	21.0	20.9	20.8	20.31
13	20.5	20.4	20.4	20.3	20.7	21.0	21.3	21.5	21.6	21.5	21.4	21.4	21.3	21.2	21.1	21.2	21.1	21.2	21.6	22.0	22.0	21.9	21.9	21.7	21.26
14	21.4	21.0	20.7	20.4	20.5	20.4	20.4	20.3	20.0	19.9	19.8	19.8	19.6	19.5	19.5	19.4	19.4	19.4	19.5	19.7	19.8	19.8	19.8	19.7	19.99
15	19.4	19.3	19.2	19.1	19.3	19.5	19.7	19.7	19.6	19.4	19.3	19.2	19.1	19.1	19.0	19.1	19.0	19.1	19.2	19.5	19.8	19.9	19.9	19.7	19.38
16	19.6	19.5	19.4	19.3	19.5	19.5	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.6	19.5	19.5	19.5	19.5	19.7	20.1	20.3	20.3	20.3	20.1	19.72
17	20.0	19.9	19.8	19.9	20.2	20.5	20.7	20.6	20.6	20.7	20.7	20.6	20.6	20.4	20.3	20.2	20.2	20.2	20.4	20.7	20.9	21.1	21.1	21.1	20.48
18	21.1	21.1	20.8	20.7	20.8	21.1	21.1	21.2	21.3	21.1	20.9	20.5	20.2	20.1	20.0	19.7	19.8	19.9	19.8	20.1	20.1	20.1	20.0	20.2	20.49
19	20.2	20.2	20.1	20.3	20.3	20.4	20.4	20.2	20.1	20.0	19.9	19.7	19.6	19.7	19.8	19.5	19.1	19.0	19.1	19.2	19.2	19.3	19.1	19.0	19.72
20	18.7	18.5	18.1	18.3	18.5	18.3	18.5	18.4	18.5	18.4	18.6	18.7	18.8	18.7	18.6	18.6	18.8	18.9	19.3	19.8	19.9	20.1	20.4	20.5	18.91
21	20.6	20.7	20.8	21.1	21.3	21.8	22.2	22.3	22.6	22.7	22.6	22.6	22.6	22.5	22.4	22.3	22.3	22.4	22.8	23.3	23.6	23.9	24.0	24.0	22.39
22	23.9	24.1	24.4	24.3	24.3	24.3	24.8	24.9	24.8	24.6	24.4	24.2	24.2	23.8	23.5	23.1	22.8	22.8	22.8	22.9	22.8	22.7	22.7	22.4	23.73
23	22.1	21.9	21.5	21.4	21.5	21.8	21.8	21.8	21.7	21.5	21.4	21.3	21.1	20.6	20.5	20.3	20.2	20.1	20.2	20.6	20.7	20.8	20.9	20.8	21.10
24	20.8	20.9	20.9	21.0	21.0	21.2	21.4	21.3	21.5	21.5	21.3	21.0	20.7	21.2	21.9	22.1	21.6	21.8	22.1	22.3	22.4	22.3	22.3	22.4	21.54
25	22.5	22.8	23.4	23.7	24.0	24.3	24.7	24.9	25.1	25.5	25.4	25.2	24.9	24.7	24.5	24.4	24.3	24.3	24.6	24.8	25.1	25.1	25.2	25.4	24.58
26	25.2	25.3	25.2	25.2	25.3	25.7	25.9	**26**.1	25.9	25.8	25.7	25.4	25.2	25.0	24.6	24.3	24.4	24.2	24.4	22.6	24.6	24.6	24.7	24.6	25.08
27	24.3	24.2	24.0	23.9	23.8	23.8	23.9	23.8	23.6	23.4	23.3	23.0	22.8	22.8	22.3	22.3	22.1	21.8	22.0	22.1	22.1	22.1	22.0	22.0	22.98
28	21.8	21.7	21.7	21.4	21.2	21.3	21.4	21.4	21.2	21.0	20.6	20.3	20.0	19.7	19.3	19.1	18.9	18.8	18.8	19.0	19.0	18.9	18.8	18.6	20.16
29	18.4	18.3	18.4	18.3	18.3	18.6	18.3	18.3	18.0	17.7	17.4	17.2	16.8	16.5	16.1	16.0	15.8	16.1	16.1	16.1	16.9	16.5	17.1	15.9	17.21
30	14.3	**14**.0	15.2	15.9	16.1	16.4	16.6	16.7	17.0	16.3	16.2	16.0	15.9	15.9	17.1	16.7	17.0	17.9	17.8	18.5	18.6	18.5	18.5	18.4	16.73
31	18.5	18.9	18.9	18.9	19.4	19.5	19.7	20.1	20.4	20.2	20.1	19.9	19.7	19.5	19.3	19.4	19.6	20.1	20.7	20.9	21.1	21.2	21.2	21.2	19.90
M.	19.97	19.92	19.90	19.90	20.02	20.18	20.33	20.37	20.35	20.25	20.13	20.03	19.92	19.81	19.74	19.64	19.56	19.63	19.80	20.11	20.26	20.28	20.31	20.18	20.02

September 1913. **Stündliche Barometerstände** (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	21.0	20.6	20.5	20.2	20.8	20.6	20.6	20.6	20.6	20.3	20.1	19.8	19.4	19.4	19.0	19.0	18.7	19.3	19.2	19.6	21.1	20.5	20.4	20.3	20.05
2	20.2	20.4	20.3	20.4	20.4	20.5	20.6	20.8	20.7	20.7	20.5	20.3	20.2	19.6	19.6	19.5	19.6	19.8	20.2	20.5	20.6	20.6	20.7	20.6	20.30
3	20.5	20.5	20.5	20.4	20.4	20.5	20.5	20.5	20.5	20.4	20.1	19.9	19.7	19.5	19.3	19.3	19.4	19.3	19.5	19.8	19.8	19.8	19.9	19.9	20.00
4	19.7	19.8	19.8	19.6	18.6	20.0	20.2	20.4	20.4	20.2	19.9	19.7	19.4	19.1	19.2	19.0	18.8	18.8	19.0	19.0	19.0	19.8	20.1	19.2	19.57
5	19.2	20.1	19.8	19.7	19.6	19.6	19.7	19.7	19.9	20.1	20.1	20.1	20.1	20.0	20.4	20.4	20.5	20.5	20.7	21.0	21.1	21.2	21.3	21.3	20.25
6	21.3	21.4	21.3	21.3	21.4	21.6	21.7	21.8	21.8	21.7	21.6	21.4	21.4	21.0	20.8	20.8	20.9	20.8	21.1	21.3	21.1	21.1	21.2	21.3	21.30
7	21.3	21.2	21.2	21.3	21.2	21.3	21.6	21.6	21.7	21.7	21.6	21.7	21.4	21.1	21.2	21.1	21.2	21.3	21.8	22.2	22.2	22.0	21.8	21.6	21.51
8	21.6	21.5	21.6	21.5	21.7	21.8	21.9	22.0	22.3	22.4	22.4	22.2	22.3	22.2	22.2	22.1	22.3	22.5	22.8	23.2	23.1	23.0	23.0	23.0	22.28
9	22.9	22.5	22.3	22.0	22.0	21.9	21.9	21.9	21.9	21.8	21.5	21.0	20.6	20.2	19.8	19.7	19.6	19.5	19.8	20.2	20.1	20.0	19.7	19.4	20.92
10	19.4	19.1	18.7	18.6	18.2	18.3	18.1	18.5	19.5	19.8	20.0	20.3	20.8	21.0	21.1	21.5	22.0	22.1	22.5	22.8	22.8	23.0	22.9	23.0	20.58
11	22.9	22.9	22.8	22.8	22.8	23.1	22.9	22.7	22.9	22.6	21.9	21.6	21.1	20.5	20.0	19.9	19.6	19.4	19.4	19.4	19.2	19.3	19.4	19.3	21.18
12	19.1	18.6	18.1	17.9	17.9	18.1	18.1	18.1	18.0	17.8	17.5	17.3	17.1	16.8	16.3	16.0	15.9	15.8	15.8	15.8	15.7	15.6	15.4	15.2	16.99
13	14.9	14.7	14.5	14.1	14.1	14.0	13.8	13.6	13.5	13.0	12.9	12.6	12.4	12.1	12.0	12.0	11.8	11.6	11.5	11.4	11.1	10.9	10.8	10.8	12.67
14	10.8	10.6	10.7	10.8	10.9	11.2	11.3	11.4	11.2	10.8	10.6	10.0	09.5	08.9	08.3	07.9	08.8	09.9	10.6	11.5	11.8	12.1	12.7	12.5	10.62
15	12.4	12.1	11.9	11.2	10.9	10.9	10.9	11.4	12.8	12.3	12.3	12.6	13.0	13.4	14.0	14.5	15.0	15.7	16.4	16.4	16.5	16.5	16.4	16.3	13.57
16	16.1	15.2	15.0	14.5	14.4	14.4	14.4	14.4	14.5	14.6	14.6	14.5	14.0	13.6	13.3	13.1	12.9	13.0	12.7	12.3	11.8	11.2	10.7	10.6	13.58
17	10.0	09.6	09.0	08.4	08.2	09.3	09.8	11.3	11.6	12.1	12.4	12.6	12.6	12.6	12.6	12.5	12.6	13.1	13.7	14.3	14.3	14.3	14.2	14.0	11.88
18	13.9	13.6	13.6	13.4	13.4	13.7	13.8	13.7	13.7	14.1	14.7	15.2	15.4	15.6	15.9	16.1	16.7	16.8	17.3	17.8	18.1	18.2	18.4	18.5	15.48
19	18.6	18.5	18.7	18.7	19.1	19.7	19.9	20.3	20.4	20.2	20.3	20.1	19.9	19.3	19.6	19.5	19.8	19.9	19.9	20.3	20.7	20.6	20.7	20.7	19.81
20	20.6	20.5	20.3	20.2	20.2	20.3	20.3	20.3	20.3	19.9	19.7	19.5	19.2	18.9	18.7	18.7	19.1	19.5	20.0	20.4	20.4	20.5	20.5	20.7	19.95
21	20.9	21.0	21.1	21.0	21.1	21.3	21.7	22.0	22.4	22.5	22.6	22.7	22.8	22.7	22.8	22.8	23.1	23.2	23.7	24.0	24.2	24.4	24.5	24.5	22.63
22	24.5	24.4	24.4	24.2	24.0	24.2	24.2	24.3	24.3	24.2	24.1	23.8	23.6	23.4	23.1	23.1	22.9	22.9	22.9	23.1	23.0	22.9	22.9	22.7	23.63
23	22.7	22.5	22.5	22.2	22.2	22.1	22.0	22.1	22.1	22.1	21.9	21.8	21.7	21.5	21.4	21.4	21.5	21.7	21.7	21.7	21.7	21.6	21.3	21.1	21.85
24	21.0	21.1	21.1	21.2	21.2	21.3	21.4	21.7	21.7	21.5	21.3	21.0	20.7	20.5	20.3	20.4	20.5	20.6	20.8	20.9	21.1	21.0	21.2	21.3	21.03
25	21.3	21.2	21.4	21.6	21.8	22.1	22.4	22.4	22.7	22.7	22.8	22.5	22.2	21.8	21.5	21.4	21.4	21.3	21.5	21.7	21.9	22.1	22.2	22.0	21.91
26	22.1	22.0	21.9	22.0	22.2	22.3	22.6	22.8	22.9	23.1	23.0	22.9	22.6	22.6	22.4	22.3	22.1	22.0	22.0	22.1	22.0	21.7	21.8	21.8	22.30
27	21.7	21.6	21.5	21.6	21.7	21.9	22.0	22.1	22.1	22.1	22.0	22.0	21.5	21.4	21.2	21.3	21.3	21.4	21.8	21.9	21.8	21.8	21.8	21.8	21.71
28	21.4	21.4	21.3	21.3	21.3	21.4	21.5	21.6	21.7	21.6	21.5	21.3	21.0	20.8	20.6	20.6	20.6	20.9	21.1	21.4	21.4	21.4	21.4	21.6	21.24
29	21.2	21.0	21.2	21.2	21.4	21.6	21.7	21.7	21.7	21.6	21.4	21.1	20.7	20.2	19.9	19.7	19.5	19.6	19.8	19.6	19.4	19.2	19.1	19.0	20.52
30	18.7	18.5	18.0	17.8	17.5	17.3	17.1	16.6	16.3	16.0	15.6	15.8	15.6	15.7	15.6	15.5	15.6	15.7	15.7	15.8	15.9	16.0	16.2	16.2	16.45
M.	18.77	18.65	18.55	18.42	18.42	18.59	18.66	18.78	18.91	18.83	18.74	18.62	18.45	18.28	18.13	18.10	18.18	18.32	18.55	18.76	18.80	18.78	18.79	18.70	18.57

Oktober 1913. (700 mm +). Zürich.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	16.3	16.2	16.4	16.6	16.7	16.8	17.0	17.0	16.8	16.7	16.6	16.4	16.2	16.0	15.8	15.6	15.6	15.8	16.0	16.1	16.4	17.1	17.6	17.6	16.47
2	17.8	17.8	18.0	18.2	18.4	19.0	19.3	19.6	19.8	19.8	19.8	19.8	19.6	19.5	19.5	19.3	19.5	19.6	19.8	20.0	20.4	20.6	20.8	20.8	19.45
3	20.8	20.8	21.0	21.1	21.1	21.4	21.4	21.6	21.5	21.4	21.5	21.3	21.2	21.1	21.0	20.6	20.2	20.2	20.2	20.2	20.4	20.4	20.2	20.1	20.86
4	19.7	19.7	19.0	18.7	18.6	18.2	18.1	18.0	17.8	17.4	16.8	16.4	16.0	15.5	15.4	15.1	14.8	14.8	14.4	14.3	14.2	14.0	13.7	13.3	16.41
5	13.3	13.0	12.8	12.5	12.3	12.2	12.3	12.5	12.6	12.7	12.6	12.3	11.9	11.8	12.1	12.6	12.6	13.2	13.3	13.6	14.0	14.0	14.0	13.9	12.84
6	14.2	14.6	14.5	14.3	14.3	14.3	14.3	14.5	14.7	14.9	15.0	15.1	14.9	14.8	14.6	14.5	14.5	14.5	14.4	14.9	15.0	15.6	15.7	15.9	14.75
7	15.6	15.6	15.4	15.4	15.4	15.3	15.2	15.4	15.3	15.4	15.0	14.9	14.4	14.1	14.0	13.8	13.6	13.6	13.5	13.3	13.2	12.9	12.7	12.4	14.39
8	11.8	11.4	10.9	10.7	10.9	10.9	10.8	10.7	10.7	10.5	10.2	10.4	10.6	11.0	12.2	12.8	13.9	14.6	15.6	16.1	16.3	16.4	16.7	17.0	12.63
9	17.0	17.1	17.2	17.3	17.4	17.7	18.2	18.8	18.8	18.9	18.8	18.8	18.6	18.6	18.7	18.8	19.2	19.6	20.0	20.1	20.3	20.5	20.5	20.4	18.80
10	20.5	20.3	20.1	20.1	20.1	20.2	20.3	20.4	20.1	19.7	19.5	19.4	18.8	18.8	18.9	18.8	19.0	19.2	19.4	19.6	19.8	20.1	20.1	20.2	19.73
11	20.6	20.4	20.7	20.7	20.8	21.0	21.5	21.9	22.1	22.3	22.3	22.2	22.3	22.2	22.4	22.5	22.8	23.3	23.5	23.5	23.8	24.0	24.2	24.3	22.30
12	24.7	24.8	24.9	25.0	25.2	25.3	25.7	26.1	26.3	26.5	26.5	26.3	26.1	26.1	26.1	26.3	26.5	26.8	27.1	27.4	27.7	27.7	27.7	27.9	26.28
13	28.1	28.1	28.0	28.1	28.0	28.2	28.4	28.7	28.7	28.6	28.5	28.3	27.9	27.8	28.1	28.2	28.2	28.4	28.5	28.7	29.0	29.1	29.0	29.0	28.40
14	28.9	28.3	27.7	27.9	27.9	28.2	28.6	29.0	29.5	29.5	29.4	29.2	28.8	28.3	27.9	27.8	27.6	27.6	27.5	27.4	27.4	27.4	27.2	26.7	28.15
15	26.7	26.1	25.6	25.3	25.0	24.8	24.6	24.5	24.1	24.1	24.1	23.9	23.4	23.0	22.6	22.5	22.3	23.1	23.6	24.1	24.3	24.0	24.0	24.2	24.16
16	24.1	24.1	24.0	24.4	24.7	25.0	24.9	25.0	25.0	25.0	25.1	24.9	24.7	24.8	25.1	25.4	25.5	25.9	26.1	26.0	25.9	25.9	26.0	25.7	25.13
17	25.8	25.5	24.8	24.6	24.5	24.3	24.4	24.6	24.8	24.9	24.8	24.5	24.3	24.1	24.0	23.9	24.0	24.1	24.0	23.9	23.9	23.6	23.6	23.6	24.35
18	23.6	23.5	23.3	23.2	23.2	23.2	23.5	23.7	23.8	24.0	23.8	23.3	22.9	22.7	22.4	22.3	22.4	22.7	22.7	22.8	22.8	22.7	22.7	22.7	23.08
19	22.5	22.3	22.2	22.0	21.8	21.9	21.8	21.9	21.6	21.2	21.0	20.5	20.0	19.9	19.6	19.4	19.4	19.6	19.7	19.7	19.9	20.1	20.4	20.7	20.80
20	20.8	20.8	20.6	20.4	20.4	20.5	20.7	20.8	20.8	20.8	20.8	20.5	20.0	19.7	19.5	19.4	19.5	19.7	19.6	19.5	19.7	19.6	19.7	19.7	20.15
21	19.7	19.4	19.5	19.6	19.4	19.2	19.2	19.1	18.8	18.4	17.9	17.0	16.4	16.2	16.0	15.7	15.1	14.9	15.0	14.9	14.9	14.9	14.9	14.9	15.12
22	14.7	14.6	14.7	14.6	14.5	14.8	14.7	14.8	14.8	14.4	13.9	13.9	13.7	13.9	13.8	13.8	14.5	15.6	16.5	16.5	16.7	16.8	17.5	17.8	10.06
23	18.1	18.9	19.3	19.7	19.7	19.9	20.3	20.6	20.7	20.5	20.2	20.2	20.4	20.9	21.2	21.6	21.7	22.2	22.4	22.7	22.9	23.0	23.2	23.4	24.99
24	23.7	23.8	23.6	23.7	23.8	24.0	24.5	25.0	25.3	25.4	25.4	24.9	24.4	24.1	24.2	24.3	24.5	24.6	24.6	24.7	24.9	24.8	24.9	24.8	27.50
25	24.7	24.5	24.6	24.5	24.4	24.3	24.5	24.6	24.5	24.3	24.0	23.4	22.7	22.5	22.1	21.8	21.8	22.0	22.0	22.1	21.9	21.3	21.0	20.7	23.09
26	20.5	20.3	19.9	19.8	19.9	19.5	19.5	19.6	19.5	19.3	19.1	18.4	17.7	17.3	17.0	16.9	17.7	18.6	18.8	18.7	19.1	19.6	20.1	20.1	19.04
27	20.3	20.1	20.0	19.8	19.8	19.6	19.7	19.6	19.3	19.1	18.8	18.3	17.7	17.2	17.0	16.4	16.4	16.7	16.8	16.9	16.8	16.9	16.8	16.8	18.20
28	16.5	16.2	15.8	15.5	14.9	14.6	14.2	14.0	13.6	13.3	13.3	13.2	12.7	12.3	12.1	12.1	11.9	12.0	11.6	11.4	11.4	10.9	10.7	10.4	13.11
29	10.3	10.2	10.4	10.7	10.7	11.0	11.1	10.8	10.5	10.5	10.4	10.1	10.1	10.2	10.3	10.2	10.0	09.8	09.7	09.5	09.6	10.0	10.9	11.8	10.37
30	12.9	12.6	12.3	11.8	12.0	12.7	13.5	13.7	14.1	14.7	14.8	15.0	15.5	16.0	16.6	16.6	16.9	17.3	17.4	17.8	18.2	18.7	18.9	19.0	15.38
31	19.1	19.3	19.2	19.3	19.4	19.7	20.2	20.6	20.9	21.0	21.0	20.9	20.8	21.0	21.0	21.0	21.1	21.3	21.3	21.3	21.3	21.2	21.2	21.3	20.60
M.	19.78	19.69	19.56	19.53	19.52	19.60	19.76	19.91	19.90	19.84	19.71	19.47	19.18	19.08	19.07	19.03	19.12	19.40	19.52	19.60	19.75	19.80	19.89	19.91	19.57

November 1913. Stündliche Barometerstände (700 mm +). Zürich.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	21.2	21.3	21.1	21.2	21.2	21.1	21.1	21.2	20.8	20.9	20.8	20.7	20.5	20.2	20.2	20.1	20.0	20.0	20.0	20.0	20.4	21.4	22.0	22.5	20.83
2	22.7	23.1	23.0	23.1	23.4	23.4	23.7	24.1	24.2	24.2	24.1	23.9	23.9	23.5	23.4	23.3	23.4	23.8	23.5	23.2	23.3	23.3	23.3	23.3	23.50
3	23.5	23.5	23.3	23.3	23.0	23.0	23.2	23.6	23.6	23.7	23.6	23.2	22.8	22.5	22.6	22.7	22.8	22.9	22.7	22.9	22.9	22.6	22.4	22.0	23.01
4	21.8	21.7	21.4	21.2	21.1	20.9	21.2	21.6	21.6	21.4	21.1	20.3	20.0	19.5	19.3	19.3	19.3	19.2	18.8	18.6	18.4	18.5	18.4	18.4	20.13
5	18.0	17.8	17.5	17.3	17.2	17.2	17.1	17.1	16.7	16.7	16.3	15.8	15.5	14.8	14.1	13.8	13.5	13.0	12.8	12.6	12.4	12.1	12.3	12.1	15.15
6	12.4	12.8	12.9	13.1	13.2	13.7	14.1	14.6	14.6	14.7	14.7	14.1	13.9	13.5	13.3	13.1	13.0	12.6	12.4	11.9	11.9	11.7	11.9	11.7	13.16
7	11.8	12.0	12.1	12.0	12.0	11.8	11.5	11.4	11.1	11.2	11.2	10.9	11.0	11.2	11.3	11.6	11.9	12.7	13.2	13.9	14.8	15.3	15.7	16.2	12.41
8	16.4	17.1	17.2	17.6	17.8	18.2	18.6	18.9	18.8	18.8	18.7	18.6	18.4	18.0	17.9	17.6	17.8	18.2	18.3	18.3	18.2	18.1	18.1	18.2	18.08
9	18.0	17.9	17.9	18.0	18.0	18.1	18.2	18.4	18.7	18.3	18.7	18.2	18.0	17.5	17.5	17.3	17.3	17.3	17.3	17.5	17.7	17.9	17.7	17.6	17.90
10	17.5	17.4	17.1	17.2	17.3	17.4	17.5	18.1	18.1	18.4	18.3	18.1	17.8	17.5	17.3	17.0	17.1	17.2	17.1	16.9	16.9	16.6	16.6	16.4	17.37
11	16.4	16.2	16.2	16.2	16.4	15.8	16.0	16.0	16.3	16.3	16.3	15.7	15.5	15.9	16.2	16.6	17.1	17.1	16.9	16.9	17.3	17.4	17.7	17.6	16.50
12	17.4	17.2	16.9	16.3	16.2	15.8	15.3	14.9	14.5	14.7	14.7	14.3	13.4	13.0	12.4	11.9	11.4	11.7	11.6	12.1	12.6	13.5	13.4	13.6	14.12
13	13.2	13.0	12.1	12.0	11.5	10.4	10.0	09.9	09.6	09.5	09.1	08.8	08.2	**08.1**	**08.1**	**08.1**	08.2	08.4	08.5	08.4	08.5	08.4	08.9	09.5	09.60
14	09.7	10.0	10.2	10.7	11.3	11.8	12.1	12.6	12.6	12.5	12.4	12.3	11.9	11.8	11.8	11.3	11.0	10.8	10.5	10.6	11.0	11.3	11.8	12.0	11.42
15	11.9	12.3	12.4	12.7	12.9	13.4	13.8	14.2	14.6	14.5	15.0	14.8	14.7	14.9	15.4	16.1	16.6	17.1	17.5	18.2	18.7	19.0	19.4	19.4	15.40
16	19.2	19.2	19.0	18.2	18.7	19.0	18.9	19.0	18.9	19.2	19.4	19.4	19.5	19.8	20.3	20.7	21.0	22.0	22.4	22.9	23.2	23.7	24.3	24.3	20.51
17	24.3	24.4	24.6	24.7	25.2	25.6	26.0	26.5	26.9	27.1	27.0	26.9	26.8	26.7	26.8	26.9	27.3	27.6	27.7	27.6	27.9	28.1	28.1	28.3	26.62
18	28.3	28.6	28.5	28.3	28.4	28.5	28.6	28.6	28.5	28.4	28.3	27.8	27.5	27.0	26.8	26.8	26.9	26.9	27.0	26.8	26.9	26.7	27.0	27.0	27.67
19	26.9	27.0	27.1	27.1	27.5	27.5	27.8	28.1	28.2	28.7	28.7	28.7	28.9	29.1	29.3	29.6	30.0	30.5	30.7	**30.8**	30.7	30.5	30.3	30.1	28.91
20	30.0	30.0	29.5	29.4	29.4	29.3	29.2	29.3	29.3	29.4	29.1	28.6	28.3	28.0	27.8	27.7	27.7	27.7	27.6	27.4	27.4	27.2	27.1	27.0	28.47
21	26.9	26.9	26.8	26.4	26.1	25.9	25.8	25.9	26.1	26.2	26.1	25.5	25.0	24.7	24.7	24.6	24.5	24.5	24.4	24.4	24.5	24.5	24.4	24.3	25.38
22	24.1	24.2	24.3	24.3	24.7	24.6	24.7	24.8	24.7	24.8	24.6	24.4	24.1	23.9	23.8	23.9	24.2	24.2	24.3	24.2	24.4	24.5	24.4	24.2	24.35
23	24.1	23.9	23.7	23.4	23.4	23.3	23.3	23.1	22.8	22.7	22.0	21.5	21.0	20.9	20.6	20.5	20.4	20.5	20.3	20.3	20.2	20.1	20.0	19.6	21.73
24	19.3	19.2	18.9	18.7	18.4	18.6	18.6	18.8	18.9	19.1	18.9	18.8	18.7	18.7	18.9	19.0	19.3	19.7	20.0	20.4	20.8	21.2	21.6	22.0	19.44
25	22.4	22.9	23.1	23.4	24.0	24.4	24.8	25.5	25.8	26.4	26.5	26.5	26.5	26.6	26.7	27.0	27.4	27.5	27.8	27.9	27.8	27.8	27.9	27.7	26.01
26	27.5	27.5	27.6	27.3	27.5	27.5	27.8	28.3	28.5	28.7	28.6	28.1	27.9	27.8	28.2	28.3	28.5	28.6	28.6	28.9	29.0	29.1	29.2	29.0	28.25
27	29.0	29.3	29.0	28.6	28.5	28.4	28.5	28.5	28.4	28.7	28.4	27.9	27.7	27.5	27.4	27.5	27.6	28.2	28.3	28.2	28.4	28.0	27.7	27.7	28.23
28	27.8	27.5	27.6	26.8	27.1	26.8	26.5	27.2	27.2	27.4	27.5	27.6	27.2	27.0	27.0	27.3	27.4	27.5	27.8	27.9	28.1	28.2	28.4	28.5	27.47
29	28.5	28.8	28.7	28.8	28.9	29.0	29.1	29.3	29.4	29.6	29.7	29.6	29.3	29.0	29.0	29.0	29.2	29.5	29.6	29.7	29.7	29.6	29.7	29.6	29.26
30	29.6	29.6	29.5	29.2	29.3	29.5	29.6	29.6	29.9	30.2	29.7	29.5	29.0	28.8	28.6	28.3	28.4	28.3	28.2	28.1	27.8	27.6	27.6	27.5	28.89
M.	21.33	21.41	21.31	21.22	21.32	21.33	21.42	21.64	21.64	21.76	21.65	21.35	21.10	20.91	20.89	20.90	21.01	21.17	21.19	21.25	21.39	21.46	21.58	21.58	21.35

Dezember 1913. (700 mm +). Zürich.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	27.3	27.2	27.0	26.9	26.8	26.6	26.6	26.6	26.6	26.7	26.3	25.7	25.0	24.6	24.4	24.2	24.2	24.3	24.4	24.3	24.4	24.6	24.8	24.7	25.59
2	24.5	24.7	24.8	24.8	24.8	25.1	25.0	25.2	25.4	25.5	25.4	25.2	24.8	24.7	24.5	24.5	24.7	24.8	24.7	24.6	24.7	24.5	24.5	24.5	24.83
3	24.2	24.0	23.7	23.5	23.5	23.5	23.3	23.2	23.1	22.9	22.8	22.2	21.8	21.2	21.0	20.5	20.3	19.7	19.5	19.3	18.9	18.4	18.2	18.1	21.53
4	18.0	18.1	18.0	17.4	16.9	16.4	16.2	15.9	15.7	16.0	16.0	15.7	15.4	15.3	15.8	16.3	17.1	17.3	17.9	18.3	18.3	18.4	18.8	18.8	17.00
5	19.1	19.5	20.3	20.3	20.3	20.4	20.6	20.5	20.5	20.7	20.8	20.3	20.1	19.8	19.4	19.0	18.6	17.8	17.3	16.8	16.1	16.6	16.5	16.4	19.07
6	16.3	16.2	15.9	15.4	14.8	14.4	14.0	13.7	13.1	12.9	12.4	12.0	11.6	11.2	11.1	10.7	10.7	10.9	10.9	11.1	11.2	11.2	11.3	11.0	12.67
7	10.9	10.9	10.9	11.0	11.2	11.8	12.9	14.0	14.8	15.8	16.1	16.4	16.5	17.0	17.6	18.2	18.9	19.6	20.1	20.9	21.4	22.0	22.7	22.8	16.43
8	23.4	23.9	24.1	24.5	24.8	25.5	26.2	26.7	27.2	27.5	27.4	27.2	27.0	27.2	27.5	27.6	27.8	28.2	28.6	28.7	28.9	28.6	28.1	28.0	26.86
9	27.9	27.9	27.8	27.5	27.8	27.8	27.8	27.9	28.1	28.1	27.8	27.5	26.7	26.3	26.2	25.9	25.9	25.8	25.5	25.1	24.9	24.4	24.1	23.9	26.59
10	23.8	23.2	23.2	22.8	22.8	22.6	22.8	21.9	22.0	22.6	22.6	22.6	22.4	22.1	22.1	22.2	22.4	22.4	22.5	22.8	22.9	22.4	22.7	22.8	22.59
11	22.7	22.6	22.5	22.6	22.7	22.9	22.9	23.1	23.3	23.7	23.6	23.6	23.5	23.4	23.4	23.3	23.4	23.7	23.9	23.9	23.9	23.8	23.8	23.7	23.33
12	23.7	24.0	23.8	23.5	23.5	23.6	23.8	24.0	24.2	24.4	24.3	24.0	23.3	23.3	23.5	23.7	23.7	24.1	24.2	24.3	24.3	24.2	24.4	24.2	23.92
13	24.1	24.1	24.0	24.0	23.9	23.8	23.7	23.5	23.7	24.1	23.7	23.2	22.9	22.9	23.1	23.3	23.6	24.0	24.6	24.9	25.1	25.3	25.6	25.7	24.03
14	25.8	25.8	25.8	26.4	26.4	26.6	27.1	27.5	27.9	28.0	27.6	27.3	26.7	26.1	26.1	26.2	25.9	25.9	26.3	26.4	26.5	26.4	26.6	26.9	26.59
15	26.6	26.6	27.0	27.2	27.6	28.0	27.8	27.8	28.0	27.7	27.5	27.3	27.1	27.0	27.0	27.2	27.0	27.0	26.8	26.4	26.5	26.2	26.0	25.9	27.05
16	25.7	25.7	25.7	25.8	25.4	25.4	25.2	25.1	25.1	25.3	25.0	24.7	24.1	23.7	23.6	23.3	23.2	23.4	23.4	23.5	23.7	23.9	24.0	24.0	24.50
17	23.8	24.0	24.0	24.0	24.0	23.9	23.7	23.6	23.3	23.8	23.7	23.5	23.1	22.9	22.9	23.0	23.0	22.9	23.1	23.0	22.9	22.9	23.0	23.1	23.38
18	22.9	23.1	22.9	22.9	22.9	23.0	23.2	23.3	23.5	23.5	23.3	23.1	22.9	22.8	22.8	22.7	22.7	22.8	23.1	22.9	23.0	23.0	22.9	23.0	23.01
19	22.8	22.9	23.0	23.1	23.3	23.4	24.0	24.3	24.6	25.1	25.0	24.9	24.8	24.9	25.2	25.2	25.5	25.7	25.9	26.1	26.3	26.3	26.4	26.5	24.80
20	26.7	26.6	26.6	26.6	26.5	26.5	26.6	26.6	27.0	27.5	27.5	27.3	27.3	27.3	27.5	27.8	28.1	28.5	28.8	29.0	29.3	29.5	29.9	29.9	27.70
21	30.1	30.4	30.6	30.6	30.7	31.1	31.3	31.4	31.8	32.3	**32.6**	32.5	32.2	31.8	31.6	31.8	31.7	31.9	32.1	32.1	32.2	32.1	32.3	32.0	31.63
22	31.6	31.5	31.3	31.1	30.9	31.0	30.9	30.7	30.5	30.3	30.0	29.4	28.4	27.6	27.1	26.6	26.0	25.8	25.8	25.7	25.7	25.3	24.7	23.9	28.41
23	23.2	22.6	22.0	21.4	21.2	20.9	20.9	20.6	20.6	20.5	20.3	19.7	19.2	18.7	18.0	17.4	17.0	16.8	16.7	16.2	15.9	15.6	15.2	15.0	18.98
24	14.6	14.4	14.1	13.8	13.9	13.9	14.1	14.1	14.0	14.1	13.6	12.9	12.4	11.8	11.6	11.4	11.4	11.5	11.9	12.6	13.5	14.9	15.9	16.6	13.46
25	17.3	18.1	18.5	18.7	19.2	19.8	20.6	21.5	22.2	23.2	23.6	23.7	23.5	24.1	24.7	25.3	26.0	26.4	26.8	27.4	27.8	28.4	28.7	28.4	23.50
26	28.5	28.6	28.7	28.9	29.3	29.6	29.5	29.6	29.8	30.3	30.0	29.7	29.3	29.0	28.8	28.8	28.7	28.4	28.2	28.0	27.7	27.4	27.1	26.9	28.79
27	26.2	26.0	25.0	24.1	23.6	22.7	22.1	21.5	20.8	20.6	20.2	19.8	18.8	18.5	18.5	18.4	18.4	18.1	18.0	17.7	17.3	17.1	16.8	15.6	20.23
28	14.8	14.1	13.2	12.2	11.1	10.1	08.8	08.0	07.0	05.6	03.6	02.4	02.0	**01.8**	01.6	01.4	03.0	04.4	05.9	06.6	06.8	06.8	06.5	06.4	06.81
29	06.4	06.2	05.8	05.7	05.4	05.1	05.0	05.0	05.1	05.2	05.0	04.6	04.1	03.9	04.0	04.1	04.1	04.8	04.5	04.6	05.0	05.1	05.4	05.4	04.96
30	05.6	06.0	06.1	06.2	06.6	07.0	07.5	07.9	08.3	08.9	09.0	08.9	09.0	09.2	09.8	10.2	10.7	11.3	11.8	12.5	13.0	13.3	13.8	14.3	09.45
31	14.8	15.4	15.9	16.6	17.0	17.4	18.0	18.6	19.0	19.6	19.9	20.1	20.2	20.3	21.4	21.9	22.4	22.8	23.3	23.8	24.0	24.3	24.6	24.6	20.27
M.	21.72	21.75	21.67	21.60	21.57	21.61	21.66	21.72	21.81	22.01	21.83	21.53	21.16	20.98	21.03	21.04	21.16	21.31	21.50	21.60	21.68	21.71	21.77	21.71	21.55

1913. **Tägliche Maxima und Minima der Barometerstände.** Zürich.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	26.6	22.3	20.9	13.5	24.0	21.9	21.5	17.2	18.7	14.2	20.8	**15.8**	24.1	22.4	21.4	18.4	21.1	18.7	17.6	15.6	22.5	20.0	27.3	24.2
2	22.3	19.9	23.2	**11.1**	27.8	23.4	**23.7**	19.6	18.3	16.0	20.8	18.2	22.6	19.0	21.5	20.1	20.8	19.5	20.8	17.8	24.2	22.7	25.5	24.5
3	23.0	19.7	30.5	23.1	28.2	26.1	19.0	14.3	15.6	12.1	22.0	19.5	18.9	17.2	20.5	18.0	20.5	19.3	21.6	20.1	23.7	22.0	24.2	18.1
4	25.4	23.1	31.5	28.9	27.7	25.8	13.8	07.7	11.9	08.2	22.3	19.7	17.6	16.0	18.7	17.0	20.4	18.8	19.7	13.3	21.8	18.4	18.8	15.3
5	**28.0**	25.2	28.4	22.5	29.6	27.2	09.6	05.8	09.8	**07.8**	21.6	19.2	17.0	15.9	17.5	15.1	21.3	19.2	14.0	11.8	18.0	12.1	20.8	16.1
6	**28.0**	26.5	26.4	22.8	29.8	26.6	09.6	07.9	11.5	09.2	24.1	21.2	15.4	**13.4**	17.4	14.4	21.8	20.8	15.9	14.2	14.7	11.7	16.3	10.7
7	26.8	23.7	29.5	26.5	27.1	21.6	09.8	06.5	16.0	10.9	25.3	24.0	16.6	13.7	19.3	17.2	22.2	21.1	15.6	12.4	16.2	10.9	22.8	10.9
8	23.5	22.5	33.9	27.0	28.6	20.1	14.6	09.9	15.8	13.0	24.7	20.6	20.1	16.5	19.1	16.7	23.2	21.5	17.0	10.2	18.9	16.4	28.9	23.4
9	24.1	21.4	**34.2**	33.5	**33.8**	28.9	18.7	14.3	13.8	12.1	23.8	21.9	23.4	20.6	18.6	16.2	22.9	19.4	20.5	17.0	18.8	17.3	28.1	23.9
10	21.1	18.9	33.4	31.3	33.5	31.1	18.6	15.3	17.4	11.0	23.6	19.4	20.4	14.6	21.9	18.7	23.9	18.1	20.5	18.8	18.4	16.4	23.8	21.9
11	18.7	12.2	32.5	31.4	31.5	26.0	15.8	11.4	21.6	17.2	22.7	20.2	18.5	14.1	22.2	20.5	23.1	19.2	24.3	20.4	17.7	15.5	23.9	22.5
12	17.0	11.4	31.6	30.2	28.6	22.3	14.8	**02.6**	21.4	19.1	24.2	20.8	21.3	18.5	21.0	19.8	19.1	15.2	27.9	24.7	17.4	11.4	24.4	23.3
13	18.5	16.3	30.4	27.2	23.6	21.6	19.7	14.8	19.2	18.3	24.8	23.2	21.9	20.9	22.0	20.3	14.9	10.8	29.1	27.8	13.2	**08.1**	25.7	22.9
14	18.2	14.4	26.7	22.8	25.0	22.4	21.4	19.6	19.8	17.2	26.1	23.8	21.8	17.0	21.4	19.4	12.7	**07.9**	**29.5**	26.7	12.6	09.7	28.0	25.8
15	15.6	14.1	23.4	21.6	28.8	22.8	21.1	19.7	18.2	15.5	25.0	23.4	19.2	16.5	19.9	19.0	16.5	10.9	26.7	22.3	19.4	11.9	28.0	25.9
16	16.5	14.4	21.7	19.0	27.3	20.5	20.1	15.0	15.4	10.0	24.2	21.5	19.8	18.6	20.3	19.3	16.1	10.6	26.1	24.0	24.3	18.2	25.8	23.2
17	15.4	13.4	18.8	14.6	19.9	08.8	16.2	12.0	13.7	11.4	22.5	20.1	24.3	19.8	21.1	19.8	14.3	08.2	25.8	23.6	28.3	24.3	24.0	22.9
18	19.9	13.4	16.6	15.0	12.9	11.0	19.4	16.2	17.4	12.9	21.3	18.3	**24.6**	22.0	21.3	19.7	18.5	13.4	24.0	22.3	28.6	26.7	23.5	22.7
19	21.4	15.8	17.1	15.8	12.2	**08.2**	19.5	16.2	21.9	17.4	21.5	19.9	22.1	19.7	20.4	19.0	20.7	18.5	22.5	19.4	**30.8**	26.9	26.5	22.8
20	15.6	10.3	17.0	15.6	16.1	12.2	21.4	15.7	24.8	21.7	21.4	20.0	21.8	18.5	20.5	18.1	20.7	18.7	20.8	19.4	30.0	27.0	29.9	26.5
21	12.0	**07.1**	21.9	16.5	19.1	15.2	20.8	18.8	24.7	21.3	21.4	20.2	22.0	21.1	24.0	20.6	**24.5**	20.9	19.7	14.9	26.9	24.3	**32.6**	30.1
22	23.6	12.4	26.1	22.3	19.2	11.7	20.1	18.2	25.5	20.8	24.2	20.4	21.8	17.9	24.9	22.4	**24.5**	22.7	17.8	13.7	24.8	23.8	31.6	23.9
23	22.9	19.1	26.6	24.3	15.5	12.6	18.4	15.4	25.6	24.7	24.1	21.2	17.7	15.3	22.1	20.1	22.7	21.1	23.4	18.1	24.1	19.6	23.2	15.0
24	21.3	17.8	24.0	21.8	21.4	12.8	15.2	13.0	**26.6**	24.8	21.8	19.7	19.1	14.7	22.4	20.7	21.7	20.3	25.4	23.6	22.0	18.4	16.6	11.4
25	20.4	18.0	22.4	19.2	23.0	20.2	14.5	13.3	26.4	24.8	19.7	18.4	19.4	18.0	25.5	22.5	22.8	21.2	24.7	20.7	27.9	22.4	28.7	17.3
26	25.5	20.5	19.7	16.4	20.0	11.0	15.8	12.4	26.3	24.0	23.6	20.0	21.3	19.1	**26.1**	24.2	23.1	21.7	20.5	16.9	29.2	27.3	30.3	26.9
27	25.1	20.8	15.8	12.8	16.0	13.2	16.0	12.0	24.6	21.6	23.2	21.3	22.7	21.0	24.3	21.8	22.1	21.2	20.3	16.4	29.3	27.4	26.2	15.6
28	20.4	18.4	21.6	15.5	13.7	11.8	20.5	16.0	23.6	21.2	**27.4**	21.9	22.2	20.1	21.8	18.6	21.7	20.6	16.5	10.4	28.5	26.5	14.8	**01.3**
29	20.0	17.2			15.6	12.2	22.1	17.8	22.9	19.4	26.8	24.2	20.4	18.3	18.6	15.8	21.7	19.0	11.8	**09.5**	29.7	28.5	06.4	03.9
30	18.4	16.4			15.2	13.6	18.8	14.8	19.9	18.8	25.2	23.6	19.1	16.2	18.6	**14.0**	18.7	15.0	19.0	11.8	30.2	27.5	14.3	05.6
31	20.8	10.9			16.9	12.8			19.5	15.4			18.4	16.3	21.2	18.5			21.3	19.1			24.6	14.8
Mittl. Max.	21.16		25.23		22.96		16.78		19.61		23.34		20.50		21.14		20.61		21.30		23.07		24.05	
Mittl. Min.	17.34		21.51		18.57		13.78		16.52		20.72		17.84		18.90		17.78		17.96		19.78		19.14	
Differenz	3.82		3.72		4.39		3.00		3.09		2.62		2.66		2.24		2.83		3.34		3.29		4.91	
Abs. Max.	28.0		34.2		33.8		23.7		26.6		27.4		24.6		26.1		24.5		29.5		30.8		32.6	
Abs. Min.	07.1		11.1		08.2		02.6		07.8		15.8		13.4		14.0		07.9		09.5		08.1		01.3	
Differenz	20.9		23.1		25.6		21.1		18.8		11.6		11.2		12.1		16.6		20.0		22.7		31.3	

1913. **Übersicht über den täglichen Gang des Luftdruckes.** Zürich.

Abweichungen vom Monatsmittel.

	Mittel 700 +	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Amplitude
Januar	19.30	.12	.15	.06	−.09	−.14	−.12	−.02	−.01	.06	**.25**	.17	−.07	−.30	**−.40**	−.31	−.21	−.08	.10	.21	.23	.13	.16	.12	.01	0.65
Februar	23.32	.08	.04	−.10	−.19	−.17	−.14	.01	.31	.43	.46	**.48**	.18	−.10	−.37	−.45	**−.50**	−.38	−.14	.03	.07	.08	.13	.13	.18	0.98
März	20.72	.31	.19	.01	.01	.11	.23	.41	.49	**.53**	.49	.40	.18	−.14	−.42	−.59	−.68	**−.69**	−.56	−.37	−.24	−.10	.11	.17	.18	1.22
April	15.73	.19	.01	−.08	−.11	−.09	.07	.29	.28	.30	.29	.20	.00	−.10	−.38	−.58	**−.62**	−.54	−.36	−.13	.18	.30	.32	**.34**	.28	0.96
Mai	17.97	.22	.14	.07	.07	.16	.30	.42	.32	.21	.07	−.07	−.24	−.42	−.61	**−.67**	−.65	−.61	−.41	−.21	.11	.33	.42	**.51**	.47	1.18
Juni	22.10	.15	.06	−.03	.05	.14	.24	**.42**	.41	.31	.19	.10	−.09	−.24	−.43	−.49	−.54	**−.64**	−.54	−.35	−.10	.26	.36	.40	.39	1.06
Juli	19.10	.24	.12	.04	.02	.08	.18	.25	**.27**	.16	.15	.04	−.03	−.14	−.19	−.27	−.40	−.48	−.43	−.31	−.10	.17	.23	.22	.16	0.75
August	20.02	−.05	−.10	−.12	−.12	.00	.16	.31	**.35**	.33	.23	.11	.01	−.10	−.21	−.28	−.38	**−.46**	−.39	−.22	.09	.24	.26	.29	.16	0.81
Septbr.	18.57	.20	.08	−.02	−.15	−.15	.02	.09	.22	**.34**	.26	.17	.05	−.12	−.34	−.44	**−.47**	−.39	−.25	−.02	.19	.23	.21	.22	.13	0.81
Oktbr.	19.57	.21	.12	−.01	−.04	−.05	.03	.19	**.34**	.33	.27	.14	−.10	−.39	−.49	−.50	**−.54**	−.45	−.17	−.05	.03	.18	.23	.32	**.34**	0.88
Novbr.	21.33	.00	.08	−.02	−.11	−.01	.00	.09	.31	.31	**.43**	.32	.02	−.23	−.42	**−.44**	−.43	−.32	−.16	−.14	−.08	.06	.13	.25	.25	0.87
Dezbr.	21.55	.17	.20	.12	.05	.02	.06	.11	.17	.26	**.46**	.28	−.02	−.39	**−.57**	−.52	−.51	−.39	−.24	−.05	.05	.13	.16	.22	.16	1.03

Januar 1913. $h_a = 34{\cdot}5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	0.2	SSE 1	SSW 2	WNW 1	NNW 0	NE 0	SE 0	SSW 0	SW 0	SW 0	SSW 0	S 0	S 0
2	0.0	SSE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
3	0.0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
4	0.0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0
5	0.0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
6	0.1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0
7	0.7	SE 1	SE 0	SE 0	SE 1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	ENE 0
8	0.2	N 0	N 0	NNE 0	NNE 0	ENE 0	ENE 0	E 0	ESE 0	E 0	ENE 0	ENE 0	NNE 0
9	0.1	NE 0	NNE 0	ENE 0	E 0	E 0	E 0	NNE 0	NW 0	WNW 0	WNW 0	NE 0	ENE 0
10	1.2	NE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ESE 0	E 0	ENE 0	ENE 0	ENE 0	ENE 0
11	0.4	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	ENE 0	SE 0	SE 1
12	20.7	NNW 0	NW 2	WNW 0	SW 0	SW 11	W 21	WSW 29	WSW 38	WSW 43	WSW 42	WSW 41	W 44
13	4.0	SW 8	S 4	S 0	SSE 0	SE 0	SE 0	SE 1	SSE 7	SSE 8	SSE 10	SSW 12	WSW 7
14	1.9	SE 0	SE 2	SE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 2	ENE 1	ENE 0	NE 4	NE 1
15	1.7	NE 6	NNW 3	NNW 8	SSW 0	ESE 0	ESE 0	ESE 0	ESE 0	SE 0	SE 0	SE 0	SE 0
16	1.1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	WSW 1	ESE 4	SE 0	SE 0	SSE 4	W 0	NNW 0
17	6.7	SSE 0	S 2	SW 5	SW 16	WNW 0	NE 0	NW 2	NNW 0	NNW 0	WSW 0	S 0	SSW 9
18	22.3	E 4	WNW 8	SW 25	SW 29	WSW 28	WSW 17	WSW 18	WSW 27	WSW 23	WSW 23	WNW 19	WSW 16
19	11.6	WSW 29	WSW 26	WSW 22	WSW 30	WSW 21	WSW 23	WSW 22	WSW 26	WSW 18	SW 13	SW 10	W 12
20	5.5	NNE 0	ENE 0	SSE 11	SSE 11	SSE 0	SSE 0	SSE 0	SSE 2	ESE 3	SE 14	NW 5	NW 3
21	26.7	SSE 8	SSE 3	S 7	SSE 4	SSE 1	SSE 12	SW 3	WSW 30	WSW 36	SW 40	WSW 38	WSW 41
22	23.0	WSW 32	WSW 31	WSW 27	W 33	W 29	W 22	WSW 24	W 29	WSW 24	WSW 27	WSW 43	W 32
23	22.6	WSW 17	SW 13	SSW 8	S 7	SSW 7	SW 13	SSW 10	SSE 14	SSE 13	SSE 14	SSE 7	W 14
24	8.3	WSW 12	SW 15	WSW 22	WSW 19	WSW 15	WSW 13	WSW 15	WNW 13	WNW 5	WNW 5	WNW 1	WSW 10
25	5.2	SSE 0	SSE 0	SSW 5	S 0	SSW 0	SSE 1	SSE 0	SSE 2	S 4	SSE 6	SW 1	WSW 0
26	7.2	WSW 16	W 17	WNW 6	NW 0	NW 0	NW 0	NW 0	NW 0	NNW 0	NNW 0	WNW 6	WNW 5
27	5.6	NNE 7	ENE 24	ENE 15	N 3	NNW 10	NNE 11	NE 4	NE 12	NNE 11	N 1	NNW 3	NW 1
28	2.0	SSE 0	SSW 9	SSW 12	S 16	SSE 10	SSE 0	SSE 0	SSE 0	SSW 0	SW 0	SW 0	SSW 0
29	7.4	ENE 0	ENE 0	ENE 0	ENE 3	NNE 0	NNE 0	NE 1	ENE 0	NE 1	ENE 6	NE 4	NE 7
30	3.4	NE 4	N 2	NNE 3	NE 1	NNW 1	WSW 2	N 6	ENE 11	NE 9	NE 11	ENE 6	ENE 2
31	23.8	S 1	SE 0	SSE 3	SSE 5	S 12	SSE 11	SW 28	SSW 16	SSW 9	SW 18	WSW 43	WSW 44

Februar.

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	6.5	SW 19	WSW 17	WSW 12	WSW 13	WSW 16	W 15	NNW 2	WSW 1	S 6	S 10	S 12	S 8
2	27.3	SW 24	WSW 48	SW 33	SSW 18	SW 11	W 11	W 38	WNW 43	W 34	WSW 30	WSW 28	W 21
3	36.4	WSW 36	WSW 35	WSW 48	WSW 42	WSW 43	WSW 37	WSW 41	WSW 38	W 37	WSW 50	WSW 52	WSW 42
4	7.6	WSW 28	WSW 27	WSW 24	WSW 24	SSW 18	S 13	SSE 7	SSE 3	SSE 2	SSE 0	S 7	SSW 5
5	0.1	N 1	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0
6	1.0	S 0	S 0	SSE 0	SSE 0	SSE 3	SSE 2	SSE 9	SSE 3	SSE 5	S 1	SW 0	SW 1
7	1.5	SSE 0	SSE 0	SSE 1	SSE 11	SSE 8	SSE 1	SSE 0	SSE 0	SSE 0	SSE 2	S 1	S 0
8	7.3	SSE 7	SSE 9	SSE 10	SSE 5	SSE 4	SSE 5	SSE 1	SSE 0	SW 6	W 0	W 20	WNW 16
9	0.7	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	ENE 0	NE 0	ESE 0	ESE 0	NE 2
10	1.4	SSE 0	SSE 0	SE 0	SE 0	ESE 0	ESE 1	SE 0	SE 0	SE 0	SE 0	ENE 0	NNW 4
11	0.4	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	NW 2	NW 0
12	5.3	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	ESE 2	NE 1	E 1	NE 1	NE 6	NE 24	NE 19
13	6.6	ENE 2	NE 7	NE 7	NE 8	ENE 10	NE 13	N 4	ENE 2	ENE 0	ENE 9	NE 17	NE 22
14	6.6	ESE 0	ESE 0	SSW 0	WSW 0	WSW 0	SSW 0	SE 1	S 0	SW 0	SW 0	SE 1	NE 2
15	17.0	NE 27	ENE 8	ENE 5	ENE 10	ENE 14	ENE 10	E 15	ENE 17	ENE 20	E 18	ESE 28	ENE 17
16	9.6	ENE 19	NE 6	NNE 4	NNW 5	NNW 6	SW 5	ENE 5	N 2	NNW 0	S 5	ENE 8	ENE 6
17	16.7	ENE 14	ENE 9	ENE 18	ENE 8	ENE 16	ENE 13	NE 15	NE 9	NE 16	NE 9	NE 17	ENE 20
18	21.7	NE 26	NE 22	NE 21	NE 20	ENE 15	NE 15	NNW 11	NE 12	E 11	NE 12	NE 13	NE 19
19	8.6	NE 33	NE 21	NNE 13	NNE 14	NNE 9	N 3	NNW 0	NE 2	NE 9	NE 12	NE 16	ENE 8
20	2.6	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	W 0	NNW 2	NE 4
21	5.2	NNW 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	NNW 6	NE 5	NE 7
22	11.5	NNE 9	NNE 10	NNE 17	NNE 16	NNE 6	NNE 1	NE 3	NNE 15	E 13	NE 16	E 20	NE 24
23	15.0	NE 6	ENE 13	NE 20	ENE 11	ENE 2	NE 14	ENE 12	ENE 7	NE 6	NE 12	ENE 25	ENE 24
24	0.4	NW 4	NW 0	NW 0	NW 0	NNW 0	NNE 0	NE 0	E 0	E 0	SE 0	SW 0	SW 0
25	0.9	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SSW 0
26	1.9	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SE 0	SSE 0	SSE 0	SSE 0	SSW 0	WNW 2	NW 2
27	5.6	SSE 4	SSE 0	SSE 0	SSE 9	SE 5	SW 5	NW 3	NNW 9	NNW 6	NNW 0	E 1	WNW 3
28	2.5	WSW 4	NW 1	NNW 0	W 0	SSW 0	SSW 0	SSW 0	SSW 0	WNW 0	WNW 3	WNW 0	SSW 0

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **Januar.** **Zürich.**

Tag	12^{30}p–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30}a	Summe
1	S 1	S 0	S' 0	S 0	S 0	S 0	S 0	S 0	S 0	S 0	S 0	SSE 0	5
2	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	0
3	SE 0	SE 0	SE 0	SE 0	SE 0	SSE 0	S 0	S 0	SW 0	WSW 0	W 0	WNW 0	0
4	WNW 0	NW 0	NE 0	ENE 0	ESE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	0
5	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	0
6	SE 0	SE 0	SE 2	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	2
7	NNE 0	NNW 4	NNW 6	NNW 4	NNW 0	NNW 0	NNE 0	NNE 0	N 0	N 0	N 0	N 0	16
8	NE 1	NE 0	E 0	E 1	ENE 0	ENE 0	E 0	E 0	ENE 2	ENE 0	ENE 0	ENE 0	4
9	ENE 0	ESE 0	SE 0	SE 0	NE 3	ENE 0	E 0	E 0	E 0	ESE 0	ENE 0	ENE 0	3
10	ENE 0	NE 0	ENE 0	ENE 0	ENE 1	ENE 7	ENE 10	ENE 8	ENE 3	ENE 0	ENE 0	NE 0	29
11	ESE 2	SE 0	SE 1	SE 0	E 3	E 1	E 1	E 0	E 0	E 0	SE 0	NE 0	9
12	W 36	WSW 32	WSW 30	WSW 23	SW 21	W 21	WSW 19	NNW 6	W 12	W 7	WSW 5	SW 14	497
13	WNW 10	WNW 6	NW 3	NW 0	NW 0	NW 0	NW 0	SW 2	SSE 6	SSE 4	SE 4	SE 3	95
14	N 4	N 6	N 4	WNW 1	NNW 1	NW 2	SW 2	NNE 1	NE 2	NNE 1	SW 5	NNW 7	46
15	SE 0	SSE 0	S 0	S 0	ESE 4	NNE 3	NW 0	W 0	S 0	S 2	SSE 9	SSE 5	40
16	W 0	SSW 2	SSW 9	S 2	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SE 0	SSE 3	26
17	SSW 3	SSW 3	S 8	S 5	S 16	SSW 18	SSW 16	S 11	SW 18	SSE 3	S 6	WSW 19	160
18	WSW 26	W 18	W 23	W 25	WSW 24	WSW 29	WSW 24	WSW 27	WSW 27	WSW 28	WSW 0	WSW 26	534
19	WSW 8	SW 7	SSW 7	S 5	S 0	S 0	S 0	S 0	SSE 0	SE 0	SE 0	ENE 0	279
20	SW 13	SW 18	SSW 9	S 10	SSW 2	S 3	S 6	SSE 10	SE 3	SSE 6	S 3	SSE 0	132
21	WSW 38	WSW 49	WSW 33	W 30	WSW 29	WSW 35	W 21	WSW 36	SW 35	WSW 37	SW 41	WSW 33	640
22	W 35	W 32	W 27	W 20	W 21	WSW 14	W 12	WNW 6	W 7	W 5	WSW 6	SW 13	551
23	W 31	WSW 34	WSW 48	WSW 47	WSW 48	W 44	W 46	WSW 32	W 24	W 20	W 20	W 12	543
24	WNW 15	WNW 13	W 5	WNW 0	WNW 0	WNW 0	WNW 0	SW 0	SSE 3	SE 11	SSE 7	SE 1	200
25	W 0	SW 3	NNW 2	ENE 2	E 0	S 2	W 12	WSW 20	WSW 19	WSW 17	WNW 12	W 17	125
26	NW 0	N 3	NNE 18	ENE 24	ENE 13	NE 4	NE 3	NE 10	ENE 18	ENE 10	NE 9	NNE 10	172
27	N 1	N 0	NNW 0	NNW 0	NNE 0	N 0	W 7	SW 3	SW 9	WSW 0	SSW 5	SSW 7	134
28	S 0	SSW 0	S 0	SW 0	W 0	N 2	N 0	ESE 0	NW 0	N 0	N 0	ENE 0	49
29	ENE 11	ENE 11	ENE 13	ENE 15	ENE 15	ENE 13	NE 10	NE 14	NNE 4	NE 18	NE 20	ENE 12	178
30	NE 5	E 2	NE 0	NNE 5	ENE 0	E 0	NE 0	NE 0	ESE 0	SE 0	SSE 5	SSE 6	81
31	W 47	W 57	W 56	W 59	WNW 40	WNW 29	W 32	NW 12	NNW 7	W 13	WSW 16	WSW 14	572

Februar.

1	S 0	SSW 1	S 0	SE 0	SE 1	S 0	SW 2	S 5	SE 3	SE 2	SSE 0	SSW 11	156
2	WNW 21	NW 18	W 21	W 26	WSW 22	SW 22	SW 23	WSW 27	WSW 29	WSW 27	WSW 43	SW 38	656
3	WSW 40	WSW 38	WSW 26	WSW 32	WSW 29	WSW 32	WSW 33	WSW 36	WSW 33	WSW 22	WSW 22	WSW 30	874
4	NNW 0	NW 1	WNW 2	WNW 11	WNW 9	WNW 2	NNW 0	N 0	N 0	N 0	N 0	N 0	183
5	NNW 0	WNW 0	WNW 0	WNW 0	NW 0	NW 0	NW 0	NW 0	ENE 1	S 0	S 0	S 0	2
6	SSW 0	SW 0	SW 0	SW 0	WNW 0	N 0	N 0	ENE 0	SSE 0	SSE 0	SSE 0	SSE 0	24
7	S 3	S 2	S 0	SW 0	SW 0	S 0	S 0	S 0	S 1	S 1	S 3	SSE 2	36
8	W 31	WSW 18	WSW 17	ENE 6	SSW 7	SSW 2	NW 5	NE 0	ESE 3	SSE 1	SSE 1	SSE 1	175
9	NNW 3	NNW 0	W 1	NW 0	NNE 0	NE 0	SE 2	SSE 3	S 1	SSE 4	SSE 0	SSE 0	16
10	NNW 9	NNW 11	NW 7	NW 1	NNW 0	N 0	N 0	N 0	N 0	N 0	N 0	N 0	33
11	NW 3	NW 3	W 0	SSW 0	SSW 0	S 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 0	10
12	NE 21	NE 22	ENE 12	ENE 9	NE 0	ENE 0	ENE 0	NE 0	NNE 0	NNE 1	NNE 5	N 3	127
13	NE 24	NNE 12	ENE 10	ENE 7	ENE 3	ENE 1	E 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	158
14	E 13	ENE 12	ENE 7	E 3	E 0	E 4	ENE 9	ENE 13	ENE 19	ENE 19	NE 25	NE 30	158
15	ENE 20	ENE 21	ENE 17	ENE 15	ENE 11	ENE 8	NE 5	NE 21	NE 20	ENE 27	ENE 27	ENE 25	406
16	ENE 9	NE 13	ENE 19	ENE 13	ENE 11	ENE 6	ENE 9	ENE 17	ENE 21	ENE 19	ENE 10	NE 12	230
17	ENE 23	NE 22	NE 18	E 21	ENE 14	ENE 14	NE 19	NE 17	ENE 17	ENE 23	ENE 26	ENE 23	401
18	NE 14	ENE 20	ENE 22	ENE 26	ENE 29	ENE 27	ENE 27	ENE 32	ENE 31	ENE 38	ENE 32	NE 25	520
19	E 15	E 11	ESE 7	SSE 12	S 11	S 7	SSE 4	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	207
20	NNW 5	N 6	N 11	NNE 9	NE 11	NE 5	N 0	NE 6	ENE 0	N 1	NW 2	N 0	62
21	NE 9	NNE 14	NNE 9	NE 9	NE 1	NNE 3	NE 7	NE 10	NNE 8	NNE 14	NNE 14	NNE 8	124
22	ENE 22	E 24	E 26	ENE 15	ENE 13	NE 10	NE 10	NNE 6	WNW 2	ENE 2	ENE 2	NE 3	275
23	NE 25	ENE 21	ENE 22	ENE 26	ENE 17	ENE 10	NE 5	NE 13	NE 19	ENE 15	ENE 26	N 8	359
24	SW 0	SSW 0	SSW 0	SSW 0	SSW 0	S 0	SSE 0	SSE 0	SSE 0	SSE 3	SE 3	SE 0	10
25	WNW 2	NW 3	NE 6	N 8	NNE 2	N 0	N 0	N 0	ENE 1	ESE 0	ESE 0	ESE 0	22
26	WNW 2	WSW 2	WNW 5	W 1	WSW 0	SSW 0	S 0	S 1	SSE 9	SSE 13	SSE 7	SSE 2	46
27	N 2	SW 5	NW 7	NW 16	NW 13	W 3	SSE 2	SW 2	W 12	NW 14	WNW 8	NW 6	135
28	SSW 0	SW 0	W 0	WSW 1	WNW 7	NW 0	NW 0	NW 0	NW 0	NW 0	NNE 23	NE 20	59

März 1913. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	14.5	NNE 19	NNE 11	NNE 7	NNE 2	ENE 21	ENE 8	NNE 6	N 1	NE 2	NE 7	NE 22	NE 22
2	2.5	ENE 18	ENE 0	NNE 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	WSW 2	W 1
3	3.6	SSE 3	SSE 2	SSE 4	SSE 10	SSE 3	SSE 0	SSE 0	SSE 5	SSE 0	SSE 0	SW 1	SSW 0
4	6.4	S 7	SSW 7	S 5	SSE 9	S 7	SSE 3	SSE 13	SW 1	W 2	WNW 8	NW 11	WNW 12
5	4.3	S 0	S 0	S 0	S 0	S 0	S 0	S 0	S 0	S 0	S 3	W 15	WNW 16
6	0.8	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	WNW 0
7	8.3	S 4	WSW 3	SW 7	SSW 14	S 8	SW 8	SSE 1	SSE 0	SSW 0	SW 0	WNW 2	WNW 11
8	22.4	SSE 14	S 14	S 20	S 12	SSW 21	WSW 35	WSW 24	W 28	WSW 33	WSW 35	WSW 40	W 41
9	0.9	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	NW 5	NNW 0	NNW 1
10	3.6	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SSE 0	SSE 0	SSE 0	SSE 3	S 10	SSW 3
11	0.9	SSE 0	SSE 6	SSE 6	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSW 0	WSW 0	SW 0
12	7.1	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	W 1	ENE 14	E 10
13	2.8	NE 0	NE 0	ENE 0	ESE 0	ESE 0	ESE 0	SW 1	SSE 4	SW 2	WSW 0	SW 1	SW 5
14	3.3	E 3	NNW 14	NNW 4	NNW 0	NNW 0	NNW 0	NNW 0	NNW 4	NNW 0	NNW 0	NW 0	W 1
15	15.5	NW 1	WSW 1	SSE 2	S 9	WSW 0	W 2	WNW 1	WSW 14	WSW 21	W 30	W 43	W 45
16	7.3	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	W 1	W 7	W 19
17	13.8	SW 9	SW 12	WSW 17	WSW 5	ESE 4	SW 3	S 1	S 0	SSE 0	S 0	W 0	WSW 0
18	2.3	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	WNW 0	WNW 0	WNW 0	N 0	NW 11
19	18.5	S 1	S 0	S 0	S 0	S 0	SSE 0	SSE 0	SSE 0	S 8	SW 6	SSW 16	SSW 13
20	19.4	W 25	W 24	W 27	WSW 45	W 43	W 29	W 35	W 45	W 42	WSW 34	SW 23	S 7
21	9.7	SW 1	S 1	SW 4	S 11	SSW 13	E 4	SSW 5	SSE 11	SSE 19	S 18	SSW 22	S 14
22	4.0	NNW 0	NNW 0	N 0	ENE 1	NE 1	NNW 0	NNW 0	NNW 0	NNW 0	NW 1	NW 1	ENE 8
23	8.5	W 13	WNW 13	WNW 13	WNW 24	NNW 28	NW 27	WNW 27	— 20	— 9	WNW 5	NNW 0	WSW 2
24	3.4	NNE 7	NNE 6	NNE 5	N 6	NW 9	NW 5	WNW 3	WSW 4	S 0	S 2	S 2	SSW 1
25	6.3	S 0	ESE 0	ENE 3	NNE 10	NE 6	ENE 6	ENE 7	E 7	E 5	ENE 6	ENE 9	ENE 11
26	8.0	N 7	ENE 15	N 7	NW 1	S 4	NE 11	NNW 5	N 5	NNE 13	NE 15	NE 13	N 8
27	11.5	WNW 3	SW 1	SE 8	SSW 5	W 1	WSW 1	SW 5	SW 5	WSW 32	WSW 30	WSW 13	WSW 29
28	4.7	SE 0	SSE 1	SSE 0	SSE 0	SE 1	SE 0	SE 0	SE 0	SE 0	SSW 0	SSW 20	NNW 9
29	5.7	N 13	NNE 6	ENE 14	N 12	NNW 3	N 4	ENE 1	N 0	NNW 1	NW 6	NNW 14	NNW 12
30	11.2	E 2	SSE 0	W 2	N 1	E 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	S 8
31	17.3	SSE 21	SSE 15	SSE 8	SSE 3	W 10	SSE 13	SSE 24	SSE 26	SSE 27	SSE 33	S 18	W 14

April.

1	11.3	WNW 13	WNW 24	WNW 20	NW 16	WNW 17	WNW 8	WNW 15	W 16	W 15	WSW 10	SW 11	WSW 6
2	5.6	SSW 4	SSW 8	S 9	WSW 13	WSW 15	WSW 10	WSW 11	W 10	W 9	WNW 6	WSW 8	SW 10
3	4.1	NNE 1	N 0	N 0	NE 1	ENE 7	ESE 4	SSE 0	S 4	S 3	SSW 3	SW 7	SW 6
4	5.7	ENE 0	ENE 0	NNE 1	E 0	ENE 0	ENE 0	ENE 0	SSE 0	N 5	NE 9	NNE 9	N 5
5	6.6	ENE 0	NNE 0	N 7	NNE 0	NE 0	ESE 2	NNE 0	NNW 5	NNW 8	NNW 6	NW 18	WNW 17
6	2.2	NNW 0	N 0	N 0	ENE 0	ENE 0	ENE 0	NE 0	NNE 1	NNW 2	NW 0	NW 1	NNW 1
7	7.3	W 5	W 2	W 1	WSW 2	WSW 1	WSW 1	WSW 1	SW 0	SW 4	SSW 7	SSW 13	SSW 7
8	8.7	N 7	N 3	NNW 9	NNE 3	NNE 10	NNE 7	NE 15	NE 11	NE 10	NE 20	NE 25	NE 12
9	6.6	NNE 11	NNE 5	NE 12	NNE 4	NNE 4	N 4	NNE 2	NNE 2	NNE 4	ENE 9	NE 12	ENE 13
10	11.5	NNE 1	NNE 0	N 0	N 0	NNE 0	NNE 0	NNW 1	NNW 0	WSW 0	W 5	SW 6	SW 12
11	14.7	W 17	W 16	W 14	W 14	WNW 17	W 14	WNW 15	WNW 13	WNW 13	WNW 19	NW 24	WNW 18
12	16.6	SSW 0	SSW 2	SSW 6	SSW 11	SSW 6	SSW 9	SSW 13	WSW 32	WSW 39	WNW 37	W 36	WSW 24
13	4.8	S 2	S 0	S 0	S 4	S 0	S 0	S 0	W 4	N 2	NNW 8	N 13	NE 13
14	5.3	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SW 3	ENE 7	ENE 11	ENE 14
15	5.7	E 0	ESE 0	ESE 0	ESE 0	SE 0	SE 0	SE 0	S 1	N 5	ENE 5	ENE 8	ENE 14
16	9.9	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SSE 0	SSW 0	SSW 1	SSW 4	SW 7
17	20.8	WSW 25	SW 13	SW 7	SSW 8	SSW 15	SW 13	WSW 21	SW 24	SSW 17	S 13	SW 17	SSW 14
18	18.7	WSW 28	WSW 32	WSW 21	WNW 19	W 6	WNW 12	W 13	W 16	WSW 14	WSW 20	WSW 23	WSW 22
19	14.0	SW 17	SW 20	SW 21	SSW 9	SSW 7	SSW 13	SSW 14	SW 20	SW 28	WSW 20	SW 17	WSW 18
20	14.6	S 13	S 14	S 13	S 9	SSW 5	WSW 13	W 22	W 22	WNW 17	WNW 19	NW 31	NW 18
21	1.1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSW 0	WSW 0	W 0	W 0
22	9.2	ESE 0	ESE 0	ESE 1	NE 0	NE 0	NE 0	NE 0	NE 0	E 2	W 2	N 10	NE 10
23	2.4	N 4	NW 8	NW 3	NNW 1	NW 1	NW 0	W 0	WSW 0	NNE 1	NE 0	NNE 0	N 10
24	4.2	SE 0	SE 0	SE 0	SE 0	SE 0	ENE 0	NNE 0	NNW 1	NW 4	NW 9	NW 15	WNW 24
25	1.1	SSE 0	SSE 0	SSE 0	SSE 0	SE 0	SE 0	S 0	S 0	WNW 0	WNW 1	WNW 4	WNW 5
26	1.7	NW 0	NW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	WNW 1	N 4	NE 4	NE 6
27	2.1	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	SSE 1	SSW 0	W 1	WNW 2	WSW 5
28	4.1	E 5	SE 7	ESE 1	E 0	NNE 5	NW 0	W 2	SSE 0	SW 1	WNW 2	WNW 2	NNE 3
29	4.8	ENE 0	ESE 0	SSE 6	SSE 3	SSE 11	SSE 1	SSE 1	S 1	S 2	WSW 1	NNW 7	ENE 9
30	4.2	SSE 7	SSE 6	SSE 2	SE 1	SE 0	ESE 0	SE 1	S 0	SW 0	NW 5	NNW 4	NE 6

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **März.** Zürich.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	NE 21	NE 24	ENE 21	ENE 16	ENE 17	ENE 12	ENE 18	ENE 19	ENE 18	ENE 23	ENE 19	ENE 13	349
2	WNW 7	W 2	WSW 3	SSW 3	WSW 0	SW 0	S 10	S 8	SSE 4	SSE 0	SSE 3	SSE 0	61
3	SW 0	WSW 2	WSW 4	SW 7	WSW 9	SSW 7	SSW 3	WSW 4	WSW 6	S 10	S 3	S 4	87
4	WNW 12	W 14	W 15	W 11	WNW 12	WNW 5	WNW 0	WNW 0	WSW 0	S 0	S 0	S 0	154
5	WNW 14	WNW 14	WNW 16	WNW 16	WNW 10	WNW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	104
6	WNW 2	WNW 0	WSW 1	SSW 3	SSW 1	SSW 2	SSW 0	SSW 0	S 4	SSE 1	SSE 6	SSE 0	20
7	WNW 17	W 24	W 23	W 20	W 23	WSW 19	NNW 2	NE 0	W 2	SSE 0	SSW 3	S 7	198
8	WSW 40	W 50	NW 38	WNW 27	WNW 16	WNW 16	NNW 6	N 8	N 1	WNW 13	WNW 5	WNW 0	537
9	NNW 1	WNW 1	WSW 1	N 6	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 4	NE 2	ESE 0	21
10	SE 3	SSW 7	SSW 5	SSW 9	SSW 11	S 6	SSW 8	S 4	S 0	S 4	SSE 6	SSE 7	86
11	SW 1	WSW 0	WSW 0	WSW 0	SSW 0	S 4	SW 1	SSW 1	S 1	S 1	SW 0	WNW 0	22
12	NE 11	NE 13	NE 15	NE 14	ENE 15	ENE 26	ENE 26	ENE 21	NNE 5	NE 0	ENE 0	NE 0	171
13	WNW 15	WNW 12	WNW 8	NW 3	WNW 1	WNW 0	NW 1	S 4	S 2	W 3	NNW 1	WSW 5	68
14	W 5	WNW 11	W 12	WNW 8	WNW 12	NW 6	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	80
15	WNW 36	WNW 37	WNW 47	WNW 37	WNW 21	WNW 14	WNW 4	NW 5	NW 1	NW 1	NW 0	NW 0	372
16	W 23	WSW 24	WSW 26	WNW 11	WNW 14	WNW 14	NW 3	NNW 6	WNW 14	NNW 9	W 0	SSW 3	175
17	W 5	WSW 5	SSW 18	WNW 29	W 29	W 32	W 12	WNW 21	W 37	NW 50	NW 30	NNW 12	331
18	W 7	W 12	WSW 10	NNE 2	SSE 10	WSW 2	WSW 0	SSW 0	SSE 0	SSE 0	SSE 0	S 0	55
19	SW 14	WSW 32	WSW 23	WSW 27	WSW 36	WSW 44	SW 28	W 43	W 46	W 27	WSW 41	W 38	443
20	SSE 2	S 4	S 7	SW 12	SW 11	SSW 11	SW 11	WSW 20	S 5	SSW 3	SSE 1	SE 0	466
21	SSW 22	S 14	S 13	SSE 17	SSE 10	SSE 9	SSE 7	SSE 1	S 4	SSE 10	S 3	WNW 0	233
22	ENE 8	ENE 10	S 2	NNW 1	WSW 0	SSW 10	SSE 15	SSE 7	ESE 2	NNE 7	NW 14	WNW 8	96
23	SW 3	SSW 3	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	NW 3	NE 3	NNE 6	NNE 4	203
24	S 5	SSW 2	SSW 9	SSW 6	SSW 0	SSW 2	S 5	S 2	S 0	S 0	S 0	S 0	81
25	E 17	ESE 20	ESE 11	SE 6	SSW 8	SSW 6	S 1	S 0	ESE 3	NNE 2	NE 4	NE 4	152
26	NNE 11	ESE 17	ENE 20	N 5	N 4	NNW 3	N 1	NNW 0	NNW 2	NW 8	W 23	WSW 5	193
27	W 32	W 34	WNW 27	NW 15	NW 10	NNW 2	NNE 3	NE 7	NE 2	NE 0	NE 0	E 0	275
28	NE 8	N 9	NW 2	NNW 4	N 1	NNE 2	ESE 1	ESE 5	SE 9	SSE 23	SSE 19	SE 8	112
29	NNW 7	NNW 7	NNW 2	NNE 0	E 7	E 10	SE 7	SSE 1	NNE 1	N 4	ESE 5	E 0	137
30	SSE 21	SSE 25	SSE 29	S 23	S 17	SSE 7	SE 19	S 14	SSE 28	SSE 24	SSE 22	SE 26	269
31	NNW 13	W 11	S 32	WSW 20	WNW 26	NW 23	NW 22	NW 20	NW 18	NW 7	NW 1	WNW 10	415

April.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	SSW 12	SSW 11	SSW 9	SSW 10	S 16	SSW 14	S 11	S 11	S 4	S 2	SSW 1	WSW 0	272
2	E 6	N 1	NNW 0	ESE 4	SE 1	S 0	SSE 0	ESE 0	ENE 4	ENE 2	NE 1	NNE 3	135
3	SW 8	W 5	NNW 3	NNW 1	NNE 8	NNE 6	ENE 13	ENE 15	ENE 3	ENE 0	ENE 0	ENE 0	98
4	NNE 9	SE 5	SW 8	SSW 11	SSE 17	SSE 15	SE 16	ESE 21	SSE 5	SE 0	SE 0	SE 0	136
5	NW 16	NW 14	NNW 9	N 11	NNE 6	NE 11	ENE 17	NE 11	NNE 0	N 0	NNE 0	NNE 0	158
6	NNW 3	NW 4	NE 4	NNW 3	W 4	W 0	S 4	WNW 6	W 12	WNW 7	WSW 1	WSW 0	53
7	WSW 7	SW 5	W 3	NW 5	NNW 9	N 8	NNE 9	ENE 14	ENE 16	NE 18	NNE 24	NNE 13	175
8	NE 10	NE 5	NNE 7	ENE 8	ENE 4	NNE 4	NE 6	NNE 10	NNE 5	N 4	N 4	NNE 9	208
9	ENE 15	ENE 9	ENE 8	ENE 13	NE 11	ENE 8	NE 2	NE 2	NNE 1	NE 1	NE 5	NE 1	158
10	WNW 19	WNW 21	NW 22	WNW 19	WNW 19	WNW 25	WNW 27	WNW 22	WNW 14	W 18	WSW 26	W 19	276
11	WNW 19	WNW 17	WNW 24	WNW 31	NW 18	NW 15	WNW 18	WNW 12	NW 5	NW 0	W 0	SW 0	353
12	SW 30	WSW 33	W 18	NW 15	N 22	NNE 24	NNE 19	NNE 9	NE 5	E 3	SE 4	S 2	399
13	E 13	ESE 15	NNE 8	E 5	ESE 4	ESE 3	ESE 2	ESE 11	ESE 7	ESE 0	ESE 0	ESE 0	114
14	ENE 11	ENE 9	ENE 13	E 12	E 10	ENE 8	ENE 8	ENE 9	ENE 9	ENE 4	ENE 0	ENE 0	128
15	NE 9	ENE 11	ENE 11	ENE 11	ENE 8	ENE 10	ENE 10	ENE 17	ENE 16	E 2	ESE 0	ESE 0	138
16	SW 8	SW 15	WSW 20	WSW 25	WSW 21	SW 11	WSW 10	WSW 17	WSW 23	WSW 20	W 27	WSW 28	237
17	SSW 18	SSW 16	WSW 24	WSW 24	WSW 29	WSW 38	WSW 26	SW 31	SW 32	W 19	WSW 27	SW 28	499
18	W 22	W 25	W 31	W 32	W 26	NW 15	NNW 0	W 7	WSW 17	WSW 18	WSW 11	WSW 19	449
19	WSW 14	W 10	W 18	WSW 18	WSW 7	SW 9	S 0	SSW 4	S 12	S 12	S 12	S 16	336
20	NW 27	NW 25	WNW 31	WNW 30	WNW 24	WNW 13	WSW 3	WSW 0	SSE 1	SSE 0	SSE 0	SSE 0	350
21	W 0	SSE 1	SSE 5	SSW 4	SSW 1	SE 1	ENE 9	NE 2	NE 0	ENE 3	ESE 0	ESE 0	26
22	NNE 12	NE 13	ENE 15	ENE 20	ENE 15	ENE 15	ENE 14	ENE 21	ENE 23	ENE 21	NE 11	NE 16	221
23	N 8	NE 1	ENE 6	ENE 4	ENE 5	E 0	ENE 1	NE 0	NE 1	ENE 4	ESE 0	SE 0	58
24	NW 14	N 5	NNW 7	N 2	NNW 0	NW 15	N 2	NE 0	SE 2	SSE 0	SSE 0	SSE 0	100
25	NW 4	W 4	SSW 1	SSW 1	W 1	WNW 4	WNW 2	WSW 0	SW 0	WSW 0	NW 0	NNW 0	27
26	NE 4	NE 5	NNE 6	NE 5	ENE 4	E 0	NE 0	NE 1	ENE 0	ESE 0	ESE 0	ESE 0	40
27	SSE 2	SSW 3	S 5	SSE 12	W 3	WSW 1	WNW 1	NW 0	WNW 7	WNW 0	SSW 4	NW 3	50
28	ENE 11	ENE 19	ENE 14	ENE 10	ENE 7	ENE 0	NE 3	ENE 7	NNE 0	NNE 0	NNE 0	NNE 0	99
29	NE 12	ENE 11	ENE 11	ENE 10	ENE 5	ENE 5	ENE 11	ENE 1	ENE 0	E 2	SSE 1	SSE 3	114
30	N 6	W 7	SE 6	SSW 7	SSW 12	SSE 5	ESE 4	SE 11	SE 11	SE 0	SE 0	NE 0	101
31													

Mai 1913. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	18.2	NNW 5	NNW 15	NNW 9	NNW 6	NNW 0	NNW 0	NW 0	W 2	WNW 10	WSW 4	WNW 11	WNW 29
2	3.5	WSW 11	WSW 11	WSW 12	SW 13	SW 8	WSW 7	WSW 9	WSW 0	SW 2	SSW 0	SSW 2	SSW 0
3	2.7	SE 0	SE 2	SE 0	SE 0	SE 0	E 1	NE 4	N 4	NNE 6	N 8	NE 7	NNE 7
4	9.4	NNW 0	NNW 0	N 0	NE 0	E 0	SE 0	SE 0	SE 0	SSW 1	NW 4	WNW 8	NW 13
5	3.5	W 0	WSW 4	SSW 0	WSW 1	WSW 0	WSW 0	W 0	NW 1	NNW 1	SSW 12	S 12	N 12
6	9.5	SSE 0	SSE 0	SSE 0	SSE 0	WNW 0	W 0	WSW 9	WSW 10	W 12	WNW 13	W 18	W 28
7	11.8	S 4	SSE 4	S 8	S 8	S 6	S 2	SSW 1	SW 15	WSW 22	W 21	WNW 20	WNW 25
8	5.2	ESE 0	ESE 0	ESE 0	ESE 0	ENE 1	ENE 0	ENE 0	NNE 2	NE 7	NE 9	NE 16	NE 9
9	7.0	N 0	WNW 1	WSW 0	WNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NE 4	N 7	NNW 11	NNE 9
10	10.1	NNW 2	NNW 2	NNW 0	NE 0	ESE 0	ESE 0	ESE 0	S 0	W 0	WNW 2	NNW 5	NE 6
11	10.9	W 17	W 18	W 14	W 18	WSW 11	SW 14	SSW 14	SSW 14	S 9	S 9	S 17	S 18
12	9.0	S 0	S 0	S 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 4	NNE 11	NE 10	NE 14
13	8.7	ENE 0	ENE 0	NE 0	NNW 1	NNE 0	ENE 8	NE 1	NE 9	NE 10	NNE 12	NE 11	NE 12
14	3.7	NW 5	NNW 4	NW 0	NW 1	NNW 3	NNW 0	NNW 7	N 4	NNW 1	NW 4	WNW 2	WNW 3
15	4.9	SE 0	ESE 0	ESE 0	NE 7	ENE 3	NNE 0	NNW 0	N 1	NNW 6	NNE 7	WNW 9	NE 9
16	10.0	NE 2	SSE 2	NNE 10	WSW 2	NNE 6	E 3	NW 2	W 2	N 5	NE 12	NE 12	ENE 8
17	9.3	NW 18	NW 22	WNW 17	WNW 14	WNW 10	W 6	SSW 6	S 8	SSE 8	SW 7	SW 1	NW 7
18	17.9	SW 6	WSW 13	W 10	W 16	WSW 25	WSW 18	WSW 27	SW 25	SW 24	WSW 19	WSW 26	W 23
19	6.3	WSW 2	WNW 1	NNW 0	NNE 0	NNE 0	NNE 0	E 3	S 2	SSW 5	SW 4	SW 6	SW 6
20	5.3	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	N 9	NNW 5	E 4	NNW 7	NNW 10
21	8.7	SE 6	SE 4	SE 3	SE 0	SE 0	SE 0	SE 0	SE 2	NE 8	NE 16	NE 20	NE 18
22	11.3	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 3	E 4	SW 10	SW 15	NW 17
23	5.6	WNW 4	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 5	WNW 3	W 10	WNW 17	WNW 12
24	3.0	SSE 0	SSW 1	W 0	WSW 0	SSW 0	SW 0	WSW 3	W 1	W 2	W 1	WSW 0	SSW 1
25	10.9	ENE 2	E 2	NE 9	E 2	ENE 4	NE 7	NE 7	NE 8	ENE 19	NE 17	NE 19	NE 17
26	2.0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	N 3	NW 4	NW 2	WNW 4
27	10.7	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	S 7	SW 4	SW 7	WSW 16	WSW 21
28	10.2	S 12	SSE 13	SSE 5	S 11	S 0	W 8	NW 7	SSE 22	SSE 19	SSE 8	S 13	SW 9
29	5.6	SE 0	SE 0	SE 0	SE 0	SE 1	SE 0	SE 0	SE 0	NE 11	NNE 16	NE 18	NE 16
30	7.5	SSE 4	SSE 0	SE 2	SE 3	SE 4	SE 0	SE 0	SSE 4	SSE 0	SSW 1	SSW 1	SSW 1
31	7.1	E 0	E 1	E 0	E 0	ENE 4	NNW 11	NNW 5	NW 1	W 5	ENE 8	ENE 13	NNE 10

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1	11.3	NNW 0	NNE 1	ENE 0	NNE 5	NW 9	NW 1	NW 0	NE 9	E 10	E 7	NE 6	ENE 11
2	1.8	WNW 0	WNW 0	WNW 3	NNW 4	NNE 1	NNE 0	N 1	NNE 3	NNE 6	NE 9	NE 9	NNE 1
3	4.2	N 1	W 1	NW 7	WNW 1	WNW 1	NNW 2	NNW 0	NNW 0	WNW 5	WNW 0	NNW 1	NE 1
4	7.8	NW 4	NW 1	NW 0	NW 0	NW 0	NW 1	NNW 7	NNW 3	WNW 2	WNW 10	WNW 13	WNW 9
5	8.6	E 6	NNE 1	NNE 5	ESE 4	ESE 0	ESE 0	ESE 0	NE 1	N 1	NNE 7	NNW 11	NW 10
6	7.0	SE 0	SE 0	SSW 4	W 2	WNW 3	WNW 12	NW 15	NNW 0	NW 4	WNW 7	NW 13	WNW 11
7	4.8	SW 0	SW 0	SW 1	SW 0	SW 0	SW 0	WSW 2	WNW 9	WNW 7	WNW 10	WSW 7	W 11
8	3.3	WNW 0	WNW 8	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 2	WNW 2	NNE 5	NE 4
9	6.8	WNW 3	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	WNW 9	WNW 6	W 4	WSW 5	WSW 7	WSW 8
10	9.5	W 5	W 1	W 0	NW 4	NNW 6	NNW 1	NNW 0	NNW 0	NNW 1	WNW 3	SW 10	SW 13
11	19.7	W 22	WSW 32	WSW 24	W 20	W 18	WNW 16	W 22	W 24	WNW 20	WNW 22	WSW 23	WNW 27
12	18.0	WSW 7	SW 17	SW 19	SW 23	WSW 19	WSW 21	WSW 27	W 26	WNW 25	WNW 21	WNW 31	WNW 30
13	3.7	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	S 1	SSW 1	WSW 1	NW 6	WNW 10
14	15.6	NNE 10	NNE 4	NNE 4	NNE 9	NNE 1	NNE 4	NNE 11	NE 13	NE 15	NE 17	NE 26	NE 23
15	8.6	NNW 6	NW 7	NW 1	NW 2	NNW 8	NW 13	NNW 8	NNW 3	NNE 7	NE 6	NE 3	NE 9
16	3.9	WNW 5	NW 4	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NE 1	W 2	N 4	NE 2
17	3.0	NNE 0	NE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	E 0	SSE 0	SSW 1	SSW 3
18	5.2	NW 2	W 0	W 1	W 0	W 1	SSW 2	SSE 1	SSE 1	S 1	W 5	WNW 7	NW 4
19	10.0	W 3	SSW 5	SSE 5	SSE 2	SSE 3	SW 6	WSW 11	SW 9	SSW 11	SW 11	SW 14	SSW 14
20	8.6	SSE 6	SE 1	SW 8	WNW 12	WNW 14	WNW 12	WNW 9	WNW 8	WNW 9	WNW 10	WNW 9	WNW 2
21	5.8	WNW 8	WSW 7	SW 2	WNW 4	WNW 3	WNW 4	WNW 0	W 2	W 2	WSW 7	WNW 16	WSW 5
22	6.3	SSW 0	SSW 2	SW 5	SW 10	SSW 7	SSW 4	SSW 5	WSW 8	WSW 13	WSW 10	WSW 11	WSW 14
23	5.3	SSE 1	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	ENE 6	NNE 8	NE 10	NNE 10
24	5.4	ESE 0	ESE 0	ESE 0	ESE 0	ESE 2	ESE 1	SE 4	SSE 7	WSW 8	SW 3	SW 7	SW 15
25	6.6	NW 0	NW 0	NW 3	WNW 6	NNW 3	WNW 11	WNW 4	WNW 0	SSE 8	SSE 11	S 15	W 12
26	6.0	WNW 5	NW 1	NW 3	NW 5	NW 4	NW 4	WNW 3	WNW 4	NW 1	WSW 2	S 3	WSW 5
27	4.5	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	SE 4	SSE 4	SSW 6	WSW 8	NW 9	WNW 4
28	6.2	NW 6	NW 5	NNE 1	NE 0	NE 0	ENE 4	N 4	SSW 5	SSW 7	S 3	W 5	WNW 7
29	19.2	SSE 10	SSE 5	SSW 10	SW 9	SW 5	WSW 8	SW 8	SW 10	SW 14	SW 17	WSW 18	WSW 29
30	10.6	WNW 14	WNW 7	NNW 3	N 10	NNW 0	WNW 0	WNW 8	WNW 6	WNW 8	WNW 9	WNW 14	WNW 14

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **Mai.** Zürich.

Tag	12^{30} p–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	WNW 32	NW 41	WNW 41	WNW 34	WNW 31	W 27	W 22	W 29	W 26	W 22	W 21	W 19	436
2	W 2	NNW 2	NNE 1	N 1	NNE 2	ENE 0	SE 2	S 0	S 0	SSE 0	SE 0	SE 0	85
3	NNE 6	NE 4	ENE 2	E 5	E 0	E 0	NNE 0	NNE 5	NNE 3	NNW 0	NNW 0	NNW 0	64
4	WNW 34	W 30	W 19	W 15	WSW 21	WSW 19	WSW 16	SW 16	SW 14	WSW 11	WSW 1	S 4	226
5	S 11	WSW 8	NNE 13	NE 5	NNE 0	ENE 1	NNE 2	N 0	N 0	NW 0	ESE 0	SSE 0	83
6	W 21	W 17	WSW 17	WSW 16	SW 15	SSW 14	SSW 9	S 8	SSW 6	SSW 6	S 3	S 7	229
7	NW 27	NW 22	NW 22	NW 21	NW 20	NNW 12	N 3	NNE 9	NNE 8	NE 3	ENE 0	ESE 0	283
8	ENE 12	NE 11	NE 8	ENE 6	NE 4	NE 7	NE 10	ENE 16	NE 4	ENE 2	ENE 0	N 0	124
9	NE 13	NE 15	NE 13	ENE 13	ENE 11	ENE 13	ENE 15	ESE 3	NE 15	N 16	NNW 4	NNW 4	167
10	NE 7	ENE 4	NE 6	NNE 2	E 11	SW 23	WNW 51	WNW 35	W 24	WSW 23	WSW 21	W 18	242
11	S 11	S 16	SSE 18	SSE 12	S 14	S 8	S 4	S 7	S 0	S 0	S 0	S 0	263
12	NE 13	ENE 11	ENE 15	ENE 17	ENE 17	ENE 18	ENE 19	ENE 20	ENE 7	ENE 16	ENE 21	ENE 2	215
13	NE 12	NE 15	NNE 15	NE 12	NE 11	NE 9	NE 10	NE 16	NE 21	ENE 14	NNE 5	NNW 5	209
14	N 8	NE 4	NE 6	NE 7	ENE 9	ENE 8	ENE 5	ESE 2	SE 3	SE 3	SE 0	SE 0	89
15	NNE 12	NNE 12	NE 18	NE 14	NE 12	NNW 1	WNW 0	NW 1	N 4	N 0	NNE 0	ENE 2	118
16	ENE 4	ESE 4	S 10	SSW 12	SSE 19	SSE 19	SSE 15	SSE 18	SSE 15	SE 13	NE 15	NW 29	239
17	ENE 6	NNE 14	N 11	W 22	W 18	NNE 7	WSW 2	SSE 3	SE 1	SSW 7	S 4	SSW 5	224
18	W 27	W 31	W 28	SW 21	SSW 20	W 23	WNW 16	WNW 15	NW 14	W 1	SSW 2	SSW 0	430
19	SSW 13	S 13	SSE 14	SSE 17	SSE 18	S 13	SSW 11	S 9	E 6	NNE 5	NE 2	ENE 0	150
20	NW 14	NW 12	N 11	NNW 6	N 7	NNE 6	NNE 3	ENE 11	E 3	SE 6	SE 9	SE 3	127
21	NE 16	NE 12	NE 14	NE 11	NE 12	NE 12	NE 15	ENE 18	ENE 19	N 2	E 0	ENE 0	208
22	NW 8	NW 32	WNW 20	WNW 35	W 35	WNW 29	WNW 15	WNW 14	WNW 4	WNW 9	WNW 11	WNW 11	272
23	WNW 14	W 10	W 11	WSW 7	W 9	WNW 11	WNW 9	WNW 6	SW 4	SSE 1	SSE 1	SSE 0	135
24	S 2	S 10	S 11	SSE 2	SE 0	ENE 4	NE 9	NE 8	NE 12	NE 5	NE 0	NE 0	72
25	NE 16	NE 14	NE 20	ENE 16	ENE 16	ENE 17	NE 11	NE 10	NE 15	NE 8	NE 6	NE 0	262
26	WNW 6	NW 4	NW 4	NW 2	N 2	W 2	W 0	W 0	W 3	SSW 10	SSE 2	SSE 0	48
27	WSW 22	WSW 25	WSW 23	WSW 21	WNW 24	WNW 21	WNW 20	NW 9	NW 12	WNW 1	SW 7	SW 17	257
28	SW 14	SW 19	W 22	W 20	W 9	WSW 8	SSW 8	SSE 9	SE 8	SE 0	SE 0	SE 0	244
29	NE 15	NE 12	WNW 8	SW 6	WNW 3	W 1	W 0	W 0	W 0	SSW 11	SSE 11	SSE 6	135
30	SW 6	WSW 16	SW 12	S 16	S 27	SSE 26	SE 30	SSE 17	SE 6	ESE 3	E 0	E 0	179
31	NE 10	NE 10	ENE 9	ENE 8	NW 14	NW 21	W 18	WNW 9	N 5	NE 9	ENE 0	NNE 0	171

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1	NE 7	WNW 23	WNW 41	WNW 38	WNW 33	WNW 31	WNW 22	WNW 13	WNW 3	WNW 0	WNW 0	WNW 0	270
2	N 1	NE 0	NNE 1	NE 1	E 0	ESE 0	ESE 0	ESE 0	ESE 1	ESE 0	NNE 0	NNW 1	42
3	E 4	NE 4	ENE 1	NE 2	SE 1	W 4	NW 9	NW 7	NW 10	NW 15	WNW 12	WNW 11	100
4	W 3	W 11	WSW 14	W 7	SSW 5	WNW 27	WNW 36	WNW 20	WNW 8	NNW 4	ENE 2	ESE 0	187
5	NW 9	WNW 23	WNW 18	W 22	W 10	SW 8	S 10	SSE 14	SSW 16	SSW 14	SSE 11	SE 5	206
6	WSW 6	SSE 11	SSE 13	SSE 3	SSE 8	SSE 11	SSE 14	S 8	SSW 12	WSW 6	WSW 4	SW 0	167
7	WNW 8	WNW 8	WNW 10	WNW 11	WNW 12	WNW 10	WNW 4	WNW 4	WNW 1	WNW 0	WNW 0	WNW 0	115
8	N 6	NW 6	W 6	W 6	W 5	W 4	WNW 1	WNW 2	WNW 6	WNW 4	WNW 5	WNW 8	85
9	SSW 10	SSW 12	SSE 15	S 16	SSE 12	S 12	S 10	S 3	SW 4	WNW 11	WNW 8	W 6	162
10	WSW 15	WSW 18	WSW 20	WSW 19	WSW 24	WNW 24	WNW 13	WNW 8	W 3	WNW 10	W 16	W 13	227
11	WNW 24	WNW 27	WNW 30	WNW 31	WNW 33	WNW 24	WNW 19	W 8	WNW 2	WNW 2	WNW 1	WNW 1	472
12	WNW 23	WNW 25	WNW 21	WNW 21	W 19	WNW 20	WNW 14	NNW 15	NE 7	E 1	E 0	ESE 0	432
13	WNW 9	W 11	S 12	S 5	S 8	SSE 11	S 4	S 1	SSE 1	ESE 1	ENE 2	NE 5	89
14	NE 24	ENE 22	NE 22	NE 23	NE 19	NE 21	NE 20	NNE 20	NE 18	ENE 14	NE 24	NNE 11	375
15	NE 7	ENE 11	NE 11	NE 10	NNE 11	NNE 12	NE 18	NE 22	NE 26	NW 5	WNW 0	WNW 1	207
16	NNE 3	NNE 5	NNE 6	NE 9	NE 9	NNE 6	ENE 5	ENE 6	ENE 10	NE 14	NNW 2	NNE 0	93
17	SW 7	ESE 4	NNE 2	NNW 10	N 14	NNW 10	NNW 8	WSW 7	S 0	ENE 1	NNW 3	NNW 3	73
18	NW 5	N 4	N 2	NW 1	WNW 3	W 12	WNW 14	SSE 8	SSE 13	SSE 20	SSE 14	S 4	125
19	SW 13	WSW 26	WNW 12	W 16	SW 19	SSE 11	SSE 14	SSE 9	SSW 11	SSE 12	SE 3	S 1	241
20	NNW 1	ENE 2	SE 8	SSE 5	WNW 7	WNW 1	WNW 1	WNW 13	WNW 15	WNW 18	WNW 18	WNW 18	207
21	S 10	W 15	NW 1	WNW 7	WNW 11	W 13	W 10	W 9	W 2	SSW 2	SSW 0	SSW 0	140
22	SW 10	WSW 11	WSW 7	SW 8	WSW 6	SW 6	SSW 4	SSW 7	SSW 0	SSW 1	SSW 0	S 2	151
23	NNE 15	NE 10	NNE 8	NNE 10	ENE 7	NE 6	ENE 9	NE 12	ENE 11	ESE 0	ESE 0	ESE 2	127
24	SW 25	SW 16	SW 13	S 2	SW 3	WSW 7	WNW 6	WNW 5	W 3	W 0	W 1	NW 1	129
25	WNW 11	WNW 14	W 13	W 12	WSW 5	WSW 6	WSW 7	W 4	WNW 3	WNW 1	WNW 4	WNW 5	158
26	W 4	WNW 10	SW 5	SSE 14	E 13	SSE 15	SSE 11	SSE 6	SSE 11	SE 10	SE 0	SE 4	143
27	W 3	W 6	WSW 7	W 5	S 10	SSE 4	S 10	S 7	WSW 9	SW 5	SW 4	NNW 1	107
28	W 13	SSW 9	S 12	S 13	SE 12	ESE 10	SSE 10	SSE 7	SSE 3	SSE 6	SSE 5	SSE 1	148
29	WSW 27	WSW 26	WSW 24	WSW 31	WSW 27	WSW 26	WSW 28	WSW 32	W 24	W 23	W 22	WNW 27	460
30	WNW 18	WNW 18	WNW 18	WNW 17	WNW 21	WNW 22	WNW 20	NW 8	NNW 8	NNW 7	NNW 4	NNW 0	254

Juli 1913. $h_a = 34{\cdot}5^{m}$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	3.8	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	NNW 2	NNW 4	NNW 8	NNW 9	NNW 7	NNW 6
2	7.8	NNW 1	NNW 2	N 4	ENE 1	ENE 0	ENE 0	NE 1	N 2	NNW 7	NNW 4	NW 8	WNW 9
3	5.6	N 9	N 4	N 1	N 6	N 3	N 6	NNW 8	NNW 6	NNW 8	NNW 5	NNW 3	NW 4
4	6.2	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	N 2	NW 1	NW 6	NW 2	WNW 6	W 8
5	9.7	WNW 0	WNW 1	WNW 0	WNW 0	WNW 0	WNW 3	SSE 6	SSE 7	SW 5	NW 7	WNW 8	WNW 14
6	10.2	S 2	SSE 1	SSE 10	SSE 9	S 9	SSE 3	SSW 4	SSW 13	SSW 13	SW 14	SSW 21	S 7
7	8.5	WSW 8	W 6	W 2	WSW 3	WSW 1	WSW 3	WSW 3	WSW 1	SSW 9	SSW 11	SSE 15	S 14
8	5.7	SSE 1	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 1	SSE 0	SSE 0	SSE 1	SW 4
9	12.2	WNW 11	WNW 9	NW 12	WNW 10	WNW 11	W 10	W 14	WSW 16	WSW 19	WSW 20	W 17	W 19
10	7.7	SSE 11	SSE 4	SSE 0	SSE 7	SSE 3	SSE 0	SSE 0	SSE 0	SSE 0	SSW 3	WNW 15	NW 17
11	5.9	S 11	SSW 5	SSW 1	SSW 4	S 3	S 3	SSW 9	SSW 7	SSW 3	SSW 3	S 5	S 7
12	3.5	S 1	SSW 0	SSW 1	WNW 4	NW 0	NW 0	NW 0	NW 0	NW 0	SW 4	S 5	SSE 8
13	3.2	ESE 3	ESE 0	ESE 1	ESE 2	ESE 2	ESE 0	ESE 0	ESE 0	ESE 3	NNE 10	NNW 10	NNW 9
14	3.7	ESE 6	ESE 6	ESE 1	ESE 2	ESE 0	ESE 0	ESE 0	ESE 0	SE 1	SSE 0	S 2	S 2
15	13.2	NW 12	SW 7	SSE 8	SSE 12	SSE 10	SSW 16	SSW 21	SW 16	SW 24	SW 23	WSW 23	WSW 24
16	7.7	NNW 4	NNW 3	NNW 5	NNE 6	E 4	ESE 8	SE 7	SSE 9	S 6	S 8	S 13	SSE 14
17	6.7	WSW 3	SSW 8	SSW 9	SSW 5	SSW 7	S 5	SSW 4	SSW 3	SSW 6	WSW 11	WSW 12	WSW 3
18	5.4	SSE 4	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSW 3	WNW 7	WNW 8	W 9
19	9.8	WSW 8	WSW 9	W 7	W 2	W 4	W 2	W 0	W 0	WSW 4	SSW 8	SW 3	SW 4
20	13.7	W 8	WSW 4	WSW 11	W 9	WNW 11	W 8	W 9	W 10	WNW 12	WNW 16	WNW 21	WNW 20
21	6.1	WNW 3	NW 3	NNW 6	NW 1	NW 0	NW 1	NW 0	NW 0	NW 5	NNW 9	NNW 7	NNW 8
22	9.3	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 6	W 10	W 15	W 18	WSW 17
23	18.1	W 19	WNW 20	W 11	WNW 7	WNW 8	WNW 8	WSW 13	W 13	WNW 17	W 19	WNW 29	WNW 27
24	10.2	WSW 20	WSW 19	SW 23	WSW 23	WSW 15	WSW 20	SW 10	SSW 7	SSW 12	SSW 14	WSW 10	WSW 13
25	9.6	NW 0	NW 0	NW 0	NW 0	N 1	NNE 0	NNE 5	NNE 9	NNE 10	ENE 10	NE 14	NE 15
26	3.7	NE 7	NE 2	NE 0	ENE 2	ESE 1	ESE 0	ESE 0	ESE 0	SSW 4	NNW 9	NNW 9	N 7
27	7.4	WNW 5	ENE 10	ESE 7	ESE 10	ESE 2	ESE 1	NE 0	NE 1	NE 0	NE 1	NW 1	WNW 2
28	4.4	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	ESE 0	S 1	SSW 3	S 8	S 11	SSE 14	SSE 7
29	6.7	ESE 5	ESE 2	ESE 3	ESE 0	ESE 0	ESE 0	ESE 0	SE 0	SSE 0	SSE 0	SW 4	WNW 8
30	10.7	NE 8	NNE 4	NNE 2	NW 5	NNW 7	NNW 4	NE 4	NNE 8	N 11	NNE 11	N 12	NE 12
31	9.3	N 2	W 7	WNW 12	NW 11	WNW 6	WNW 4	NW 9	NNW 9	NNW 8	NNW 8	NNE 12	N 10

August.

1	10.4	NE 9	NE 6	NE 0	ENE 1	NE 0	NE 1	NE 3	NNE 10	NNE 9	NE 17	NE 21	NE 21
2	7.3	NE 0	NE 0	NE 0	NE 0	E 2	SE 0	SE 0	SSW 1	NW 2	NNW 11	N 12	NE 13
3	10.1	NE 19	N 8	WNW 9	NNW 4	N 6	NNW 5	NW 5	NNE 7	NNE 9	NNE 11	NE 10	NE 15
4	2.2	NNE 4	NNE 0	NE 1	NNE 1	NE 0	ENE 0	ENE 0	ESE 0	SE 0	WNW 6	WNW 5	NW 4
5	10.8	ESE 0	ESE 3	ESE 0	ESE 5	SE 1	SE 1	SE 5	SSE 3	SSW 9	WSW 14	WSW 24	WSW 28
6	8.8	NE 13	NNW 10	NW 7	NNE 4	SSW 1	W 1	W 4	S 9	S 10	SSE 3	SSW 5	WSW 15
7	5.9	WNW 0	WNW 2	WNW 4	WNW 5	WNW 7	NW 11	NNW 13	NNW 11	NW 9	NW 3	WNW 3	SSW 7
8	3.8	NNW 1	NNW 0	NNW 0	NNW 3	NNW 0	NW 4	NW 2	NNW 2	NW 5	NNW 6	NW 5	NW 5
9	7.1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 4	NW 3	NW 0	NW 6	NW 1	NW 0	WSW 4	WSW 9
10	8.6	WSW 19	W 9	S 7	SE 8	S 2	W 5	WNW 1	SW 8	SW 15	WSW 13	SW 11	S 15
11	4.5	SSE 7	SSE 6	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSE 0	SSW 1	NNW 5	WNW 14
12	6.0	ESE 0	ESE 1	ESE 2	ESE 4	ESE 1	E 1	SSW 1	W 0	SSW 3	SSE 4	WSW 12	WNW 14
13	8.0	SE 0	SE 1	SE 0	ENE 5	NNW 9	NNW 2	NNW 3	NNW 3	NW 5	WNW 3	W 14	WNW 15
14	4.2	ENE 5	ESE 0	ESE 0	ESE 0	ESE 0	ESE 1	SSE 0	SW 4	SW 7	WSW 5	WSW 7	W 6
15	5.0	WNW 0	SW 2	SW 1	W 3	WNW 2	WNW 1	WNW 2	WNW 2	WNW 6	W 10	NW 12	NNW 9
16	3.7	NNE 5	NE 0	NE 0	NE 0	N 0	N 0	E 1	SE 0	ENE 5	NE 6	NNE 7	NNE 5
17	2.9	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	E 2	WNW 4	WNW 6
18	1.8	WNW 0	NW 0	NW 0	NNW 2	NNE 2	NNE 0	NNE 0	NNE 1	NW 3	WNW 3	WNW 8	N 2
19	4.3	ESE 0	S 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 1	SE 0	SW 3	WNW 11	WNW 12
20	9.0	ENE 1	ESE 4	SE 2	SE 1	SE 7	SSE 13	S 2	SSW 7	SW 8	WSW 12	SW 11	WSW 18
21	4.3	NNW 8	NNW 7	NNW 4	NNW 0	NNW 0	NNW 0	NNW 0	WNW 7	WNW 0	NNW 4	NNW 2	NNW 3
22	2.4	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	WNW 0	WNW 0	WNW 2	SE 4	NW 6
23	6.0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	E 0	SE 1	SSW 0	S 3	SW 3
24	4.8	SE 12	ESE 11	ESE 4	ESE 1	ESE 8	ESE 4	ESE 5	ESE 2	SSE 1	S 0	SW 1	WSW 5
25	4.7	SW 3	NW 10	NW 1	WNW 3	NW 1	NW 0	NW 4	NNW 4	NNW 8	NNW 11	NNW 8	NNW 4
26	6.7	NW 4	NW 4	NW 2	NW 0	NW 0	W 1	W 0	NNW 2	N 3	NE 3	NNE 7	NNE 9
27	4.6	E 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	ENE 0	NE 1	NW 3	NNE 5	NNE 7	NE 6
28	3.2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 2	WNW 4	NNW 7	ENE 2
29	4.9	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	N 1	WNW 1	WNW 2	W 0
30	9.5	ESE 11	SSE 2	N 9	WNW 14	W 11	S 4	E 1	ESE 5	SSE 7	SE 10	ESE 22	ESE 18
31	5.8	SSE 2	SSW 4	SSE 9	SSE 0	SSE 2	SW 3	NNW 1	NNW 0	NNW 1	WNW 7	WSW 14	WSW 12

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **Juli.** Zürich.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	NNW 7	NW 3	N 6	NNW 8	NNW 8	NNW 9	NNW 4	NNW 1	NNW 0	NNW 4	NNW 5	NNW 1	92
2	W 9	NW 10	WNW 13	WNW 17	WNW 13	NW 14	NW 9	N 11	NNE 13	NNE 12	NNE 12	NNE 15	187
3	WNW 1	NW 8	WNW 6	WNW 12	WNW 11	WNW 5	WNW 8	WNW 12	N 6	NE 3	NE 0	NE 0	135
4	WNW 15	WNW 14	WNW 14	WNW 13	W 8	W 12	WSW 8	WSW 13	WNW 5	WNW 6	WNW 12	WNW 4	149
5	W 16	SW 16	WSW 22	WSW 23	WSW 22	WSW 17	WSW 14	WSW 13	SW 19	SW 13	SSW 6	SSW 2	234
6	SSW 7	W 17	WSW 17	SW 20	SSW 17	WSW 24	WNW 21	WNW 3	WNW 1	WNW 2	WSW 4	SSW 6	245
7	SW 16	WNW 29	WNW 19	W 20	WSW 15	SSW 12	SSE 12	SSE 3	SSE 3	SSE 0	SSE 0	SSE 0	205
8	SW 6	S 15	S 13	WSW 12	WNW 10	WNW 10	WNW 4	WNW 10	WNW 12	WNW 10	WNW 5	WNW 8	138
9	WSW 17	WSW 19	WSW 21	WSW 19	WSW 16	WSW 12	WSW 5	WSW 0	WSW 2	SSW 2	SSE 2	SSE 9	292
10	WNW 17	WNW 16	WNW 13	WSW 3	SSW 9	WSW 17	WSW 18	SW 12	S 8	SSE 3	SSE 2	SSE 8	186
11	W 10	WSW 10	SW 10	S 13	SSW 11	S 8	S 8	S 6	S 4	S 1	S 0	S 0	142
12	S 9	SSW 7	SSW 7	SSW 4	SSW 1	SSW 1	SW 2	N 5	NNE 6	ENE 4	ENE 5	E 10	84
13	NNE 6	NE 7	NNE 5	ENE 5	NE 2	NE 1	ENE 0	ENE 0	ENE 0	ENE 0	E 3	ESE 7	76
14	SSW 2	WNW 2	WSW 5	W 4	SSW 0	SSW 1	SSW 1	W 2	WNW 20	N 10	SE 9	WSW 13	89
15	WSW 17	W 11	NNW 13	WNW 21	WNW 18	WNW 14	NW 8	NW 0	NNW 1	NNW 8	NNW 7	NNW 2	316
16	SSW 14	SSE 19	S 19	WNW 4	W 0	SW 6	S 13	S 9	SSW 2	S 7	SW 3	W 2	185
17	WSW 1	SW 7	S 9	S 8	S 11	SSE 14	SSE 12	SSE 9	SSE 9	SSE 4	SSE 0	SSE 1	161
18	W 9	WNW 17	WNW 12	WNW 9	WNW 7	WNW 10	WNW 11	WNW 3	WNW 1	WNW 1	SW 12	W 7	130
19	WSW 9	WNW 25	WNW 15	WNW 17	WNW 16	W 12	W 15	WNW 20	WNW 21	WNW 12	W 13	W 10	236
20	WNW 26	WNW 31	WNW 32	WNW 28	WNW 22	WNW 14	W 11	WSW 9	SW 6	SW 1	SW 3	WSW 6	328
21	NNW 9	NW 8	WNW 15	WNW 17	WNW 18	WNW 14	WNW 10	NW 8	N 3	NNE 2	NNE 0	NNE 0	147
22	WSW 17	W 18	WNW 18	WSW 15	WNW 14	W 7	SW 3	SSW 4	SSW 4	WNW 29	W 17	SW 21	223
23	WNW 23	W 12	WSW 8	SW 16	WSW 26	WSW 32	WSW 23	SSW 20	SW 22	WSW 18	WSW 21	SW 22	434
24	W 9	WNW 13	WSW 9	WNW 10	NW 8	NW 7	NW 3	NW 0	NW 0	NW 0	NW 0	NW 0	245
25	ENE 17	NE 20	NE 17	NE 13	NNE 14	NE 11	ENE 10	ENE 17	NE 15	NE 14	NE 6	NE 12	230
26	NNE 6	NNW 6	NW 4	NW 6	WNW 5	W 5	WSW 0	WSW 0	WSW 0	WSW 4	SSW 5	SSE 8	90
27	W 8	WSW 11	W 7	SW 12	SSE 20	S 31	SE 26	SE 12	ESE 6	ESE 1	ESE 3	ESE 0	177
28	S 4	W 7	NNW 11	NW 3	NNW 5	WNW 5	W 5	SW 3	SSE 6	SSE 6	ESE 3	ESE 3	105
29	WNW 7	W 10	WNW 9	WNW 15	WNW 16	WNW 11	WNW 11	NNE 10	NE 14	NE 12	NNE 7	NNE 17	161
30	NE 19	NE 18	NE 18	NE 15	NNE 14	NNE 13	N 11	NNE 11	NE 9	ENE 10	NE 20	NE 10	256
31	NNE 10	NNE 12	NNE 10	NNE 11	NE 11	NNE 7	NE 7	NE 11	NE 14	ENE 12	ENE 9	NE 11	223

August.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	NE 19	NE 19	NE 15	NE 16	NE 17	ENE 13	NE 7	NE 7	ENE 10	ENE 12	NE 11	NE 5	249
2	NE 12	NNE 15	ENE 14	ENE 12	ENE 11	NE 7	ENE 1	ENE 2	ENE 9	NE 12	ENE 18	NE 22	176
3	NE 15	NE 16	NE 13	NE 10	NE 11	NE 9	ENE 7	NE 9	NE 10	ENE 13	NE 8	NE 13	242
4	NNW 3	W 6	NNW 6	NW 8	NW 3	NE 0	ENE 0	ENE 0	ENE 0	ENE 0	E 6	ESE 1	54
5	W 28	WNW 21	WNW 26	WNW 20	WNW 24	WNW 15	WNW 2	WSW 6	SSE 9	E 10	ESE 5	ESE 1	260
6	WNW 18	WNW 9	SW 12	SSW 9	SSW 17	SSW 16	WSW 16	WNW 12	WNW 9	WNW 3	WNW 3	WNW 5	211
7	S 12	S 10	WNW 7	N 5	NNW 0	N 0	ENE 8	NNE 8	NE 2	NNE 14	NNE 1	NNE 0	142
8	NW 6	W 8	WNW 10	WNW 11	WNW 10	WNW 9	WNW 4	WNW 0	WNW 0	WNW 1	WNW 0	WNW 0	92
9	SSW 6	SW 0	SSE 8	SSW 13	SW 5	SSE 15	S 10	SW 20	WSW 14	W 11	WSW 21	WSW 20	170
10	SE 8	SE 15	S 10	SSE 7	SSE 5	WSW 5	N 5	SW 7	SSE 8	SSE 8	SSE 8	SSE 7	206
11	WNW 10	W 12	W 12	WSW 9	WNW 6	N 9	NNE 10	NNE 3	NNE 1	NNE 0	ENE 1	ESE 1	107
12	W 14	WSW 20	WSW 22	W 12	WSW 6	WSW 7	WSW 9	W 0	SW 3	S 1	SSE 3	SE 3	143
13	W 17	WNW 21	W 16	WNW 21	WNW 19	WNW 16	WNW 8	NW 3	N 9	NNE 3	NNE 0	NNE 0	193
14	W 10	WSW 14	WSW 9	WSW 9	W 4	W 0	SW 0	SSW 3	SW 4	WSW 2	SW 5	WSW 5	100
15	N 4	N 16	NNE 7	NNE 2	S 12	S 9	S 3	SSE 2	ESE 1	NNE 2	NNE 8	NNE 3	119
16	NNE 6	NNW 14	N 9	NNW 8	N 5	NE 4	NNE 9	NE 3	NE 0	NE 0	NE 0	NE 1	88
17	WNW 8	W 6	W 8	WNW 7	NW 7	NW 9	NW 5	NNW 0	NNW 6	N 0	N 0	NNW 1	69
18	ENE 4	NNE 1	N 2	NNE 3	N 2	N 4	NE 4	E 3	ESE 0	ESE 0	ESE 0	ESE 0	44
19	WNW 15	W 11	WSW 3	SSE 3	SSE 9	SSE 1	SE 2	ESE 8	ESE 7	ESE 8	ESE 10	SE 0	104
20	WSW 21	WSW 21	W 17	NW 15	WNW 6	WNW 9	WNW 5	WNW 1	WNW 2	NW 11	NNW 13	NNW 8	215
21	NW 6	WNW 3	W 13	W 12	W 15	WNW 11	WNW 3	WNW 4	NNW 1	NNE 0	N 1	WNW 0	104
22	NNW 7	NNW 4	NNW 4	NNE 3	NNE 3	NE 1	NNE 11	ENE 6	ENE 1	E 2	E 3	E 0	58
23	WSW 11	WSW 12	WSW 20	SW 17	SW 15	SW 18	S 8	SE 6	SE 9	SE 5	SE 9	SE 8	145
24	WNW 8	WNW 13	WNW 27	W 6	SW 2	SSE 3	SSE 0	SSE 1	SSE 0	SSE 0	SSE 1	SSE 1	116
25	WNW 4	NW 6	WSW 7	WNW 5	NW 6	NE 1	ESE 0	NNE 11	NNW 6	NNW 3	WNW 4	NW 4	114
26	NNE 10	NNE 13	NE 9	NE 10	NNE 10	NNE 12	NE 16	NE 18	NE 16	NNE 8	NNE 3	E 0	160
27	NNE 8	N 4	NNE 12	NNE 12	NNE 9	NE 15	NE 16	NE 10	ENE 2	WNW 0	WNW 0	WNW 0	110
28	NE 4	NNE 8	NNE 9	NNE 4	NNE 6	NNE 10	NE 16	NE 2	NE 0	ENE 3	NE 0	NE 0	77
29	NW 5	NNW 5	NE 4	NNE 5	NE 14	NNE 19	ENE 16	E 10	ENE 6	N 5	E 11	ESE 13	117
30	NE 12	N 11	NNW 13	NNW 10	NNW 9	NNE 0	ESE 15	ESE 8	SE 12	SE 9	SE 11	SSE 3	227
31	W 14	WSW 14	SW 12	W 9	WNW 9	NW 10	NNW 6	NNW 2	NNW 4	NNW 0	N 3	ENE 1	139

September 1913. $h_a = 34.5^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a		1^{30}–2^{30}		2^{30}–3^{30}		3^{30}–4^{30}		4^{30}–5^{30}		5^{30}–6^{30}		6^{30}–7^{30}		7^{30}–8^{30}		8^{30}–9^{30}		9^{30}–10^{30}		10^{30}–11^{30}		11^{30}–12^{30} p	
1	4.8	ENE	0	ENE	1	ENE	3	ENE	2	ENE	0	ENE	0	ENE	0	ENE	0	N	3	WNW	2	SW	3	S	4
2	4.8	SE	1	SE	0	ESE	3	S	3	SSW	7	SE	11	SSE	5	S	5	SSE	5	SSW	5	S	2	SSW	4
3	2.2	N	0	N	0	N	0	N	0	N	0	E	1	E	0	E	1	E	2	WNW	7	N	5	E	2
4	6.5	ESE	0	ESE	0	ESE	0	ESE	0	ESE	0	ESE	1	NE	5	NNW	3	NNW	1	NNW	0	NW	2	NW	7
5	10.5	SE	4	SSW	4	NW	9	ESE	7	ESE	8	SE	9	SSE	7	SSE	10	SSE	12	SW	11	SW	11	SW	9
6	7.8	SW	22	WSW	17	WSW	12	W	7	WNW	3	W	7	W	3	W	4	SSW	8	SSW	14	SW	13	SW	7
7	3.8	ENE	0	NE	0	NNE	1	NNE	0	ESE	0	E	1	ENE	1	NE	6	NE	3	NNE	6	NNW	6	NNW	5
8	6.6	E	2	SE	5	ESE	10	WNW	10	WNW	10	NW	6	NW	6	WNW	9	NW	9	NNW	9	NNE	11	NNE	8
9	4.3	NW	0	NW	0	NW	0	NW	0	NW	0	NW	0	NW	0	NW	1	NW	0	NW	1	W	3	WSW	2
10	4.8	SE	6	SSE	2	SW	3	WSW	2	W	4	WNW	5	W	7	NW	14	N	14	NNE	10	NNE	1	E	8
11	12.8	NW	0	NW	1	NW	0	NW	1	N	4	NE	0	ENE	7	NE	5	NE	6	NE	8	NNE	15	NE	24
12	2.8	NNW	9	NW	4	NW	0	NW	0	NW	0	NW	3	NW	5	NW	6	W	3	W	1	WSW	2	WSW	5
13	4.5	E	3	E	0	E	0	E	0	E	0	E	0	E	0	SE	0	WSW	5	NW	5	NW	13	NNW	4
14	5.8	NW	0	NW	1	NW	0	N	0	E	4	SE	7	SE	3	SSE	3	S	1	S	0	N	4	ENE	8
15	6.7	SSW	12	W	1	W	1	S	2	ESE	5	SE	3	SE	1	ESE	2	SW	13	N	8	SSW	4	SW	6
16	2.5	SE	4	SE	6	ESE	2	ENE	6	ENE	0	NE	1	N	1	NNE	0	NNE	3	NW	6	W	5	WNW	10
17	10.8	NW	6	SSW	4	E	1	NNE	3	NW	1	WNW	9	W	11	W	15	WSW	28	WSW	28	SW	28	WSW	17
18	4.9	ENE	2	ENE	1	N	1	NNW	5	NNW	0	NNW	3	NE	5	NE	9	N	8	NNW	12	NW	12	WNW	14
19	5.0	NW	4	NW	4	NNW	6	NNW	2	NNW	5	NNW	6	NNW	8	NW	9	NW	5	NW	3	W	5	W	4
20	5.6	SE	0	SE	0	SE	0	SE	3	SE	1	SE	1	SE	1	SE	0	SE	0	S	2	W	3	W	4
21	8.6	WSW	25	WSW	14	WSW	15	W	5	WSW	5	W	7	W	2	SSW	10	SSW	10	SSW	12	SSW	12	SSW	8
22	4.3	WNW	0	SW	8	SSE	7	SE	1	SE	0	SE	0	SE	0	SSE	1	WSW	3	SSW	1	SSW	5	SSW	6
23	2.4	SE	2	SE	5	SE	0	SE	1	SE	2	SE	0	SE	0	SE	0	SE	1	SSE	1	S	3	S	1
24	5.5	NE	0	NNE	4	NNW	0	NW	1	NE	1	NE	5	NNE	7	NE	8	NNE	7	NNE	8	NNW	6	NNE	8
25	2.8	NNW	0	NNW	0	NNW	0	NNW	0	NNE	2	NNE	1	NNW	0	NNW	1	NNW	2	NNE	1	SSE	2	SW	1
26	8.5	NNE	2	N	0	NE	1	NNE	2	NNE	6	N	14	NNE	21	NE	18	NNE	21	NNE	13	NE	8	NE	6
27	8.1	NW	10	NW	9	NW	6	NW	5	NW	7	NW	3	NW	2	NW	0	NNE	3	E	11	NE	11	NE	10
28	4.0	NNE	0	NNE	0	NNE	0	ENE	3	E	1	E	0	E	0	E	1	SE	4	ESE	2	WNW	3	NW	7
29	2.7	NW	0	NW	0	NW	0	NW	0	NNE	2	ENE	1	ENE	0	NE	0	NNE	0	NNE	0	NNW	5	NNW	6
30	3.0	SE	1	W	1	NW	1	W	1	WNW	0	NW	2	NNW	3	NW	3	NW	5	NNE	5	NNE	4	NNW	5

Oktober.

1	1.8	NW	0	NW	0	NW	3	NW	3	NW	0	NW	0	NW	0	NW	0	NW	0	N	3	ESE	3	SW	1
2	4.2	SSE	4	SSE	1	SSE	4	SSE	9	SSE	4	SSE	3	SSE	1	SSE	1	S	2	W	4	NW	9	NW	11
3	4.5	E	2	E	1	E	2	E	7	E	6	E	6	E	3	E	7	E	0	S	2	WNW	7	WNW	14
4	2.4	ESE	1	E	1	ENE	0	ENE	0	ENE	0	ENE	0	ENE	1	ENE	0	ENE	0	ENE	0	ENE	1	S	2
5	7.9	SSE	7	SSE	4	SSW	5	SW	5	S	2	S	9	SSE	8	SSE	6	SSE	7	SSW	6	W	8	WNW	6
6	3.8	SSW	7	SW	7	SW	9	SSW	12	S SE	2	ESE	3	ESE	4	ESE	5	SSE	2	S	1	SW	1	NW	3
7	4.6	NNE	9	E	5	SE	10	SE	6	E	3	E	6	E	4	E	0	E	0	S	3	N	4	NE	6
8	11.4	ENE	4	SE	10	E	8	NNW	3	NNW	11	NW	9	NNW	3	E	1	SSW	2	NNE	3	WNW	4	WNW	14
9	12.5	SW	11	SW	16	SW	16	SSE	9	SW	17	SW	19	WSW	18	SW	12	SW	18	SSW	17	WSW	14	WSW	23
10	6.5	NNW	0	NNW	0	NNE	1	NE	1	NNE	0	NNE	0	NNE	0	NNE	0	N	1	NW	3	NNW	9	NNW	14
11	1.5	WNW	5	NW	2	WNW	0	WNW	0	NE	6	ENE	2	NE	2	NE	2	NE	1	NE	0	N	0	NNW	0
12	7.4	NNE	5	NNE	1	E	0	ESE	1	SE	3	S	2	WNW	4	NNW	4	WNW	2	WNW	8	W	12	W	19
13	10.2	NNE	0	NNE	0	NNE	0	NNE	0	ENE	1	E	0	E	0	NE	0	N	1	NNE	4	NNE	11	N	14
14	12.3	ENE	21	ENE	14	ENE	27	NNE	7	NNE	15	NNW	11	NNW	9	NNW	7	NNE	14	NNE	10	NNE	13	ENE	18
15	4.8	E	3	E	1	E	0	ENE	2	NE	3	E	6	ESE	5	ESE	4	ESE	0	ESE	2	SSW	5	S	10
16	12.7	WSW	2	SSE	7	SSE	4	E	9	E	7	ENE	2	E	5	NE	5	N	8	NNE	10	NNE	16	NNE	13
17	6.9	NNE	12	NNE	12	NNE	13	NE	9	NNE	13	NNE	11	NE	11	NNE	4	NNE	7	N	6	NNE	9	NNE	5
18	3.4	NNE	3	NE	1	NW	3	WSW	8	SSW	9	SSW	7	SSW	6	SSW	8	WSW	5	SW	5	S	3	SSW	4
19	2.0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	3	WNW	2	WNW	8	WNW	8	WNW	3
20	2.4	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	3	WNW	5	WNW	7	WNW	9
21	2.9	NNW	0	NNW	1	NNW	0	NNW	3	NNW	0	N	0	NNE	1	E	2	E	3	N	6	W	3	WSW	2
22	6.2	NNE	5	NNW	1	WNW	6	NNE	8	ENE	1	N	8	NNW	1	NW	1	E	0	SSE	5	SSE	1	SW	7
23	3.0	NNW	12	NNW	6	NNW	1	NNW	1	NNE	5	ENE	0	ENE	0	NNE	0	NNE	3	ENE	6	NE	6	N	6
24	2.0	SSE	1	ESE	0	ESE	1	ESE	2	ESE	0	ESE	0	ESE	1	SSW	2	SSW	3	ESE	0	ESE	0	SSE	2
25	1.8	SE	0	SE	0	SE	0	SE	0	SE	0	SE	0	SE	0	SE	3	SE	1	SE	0	SSW	5	WNW	7
26	3.3	NE	0	N	1	NW	0	NNW	3	WNW	2	NNW	0	NNW	0	NNW	0	NNW	2	NW	3	WNW	0	WNW	0
27	2.9	NW	0	NW	4	NW	5	NW	7	NW	4	NW	8	NW	2	NW	1	NW	0	NW	2	NW	6	NW	12
28	3.8	NE	1	ESE	0	W	2	N	2	NNE	4	SSW	4	WNW	4	NNW	4	NW	0	NW	0	WNW	1	NW	7
29	6.5	S	16	SW	20	WSW	11	NW	13	W	8	SE	3	ESE	1	ESE	0	ESE	0	SW	1	SE	5	N	5
30	5.3	WNW	9	SE	10	NNE	0	NNE	7	ESE	1	ENE	5	NNW	9	NNW	7	NNW	0	NNW	1	NNW	1	WNW	9
31	1.8	NW	6	NW	2	E	4	E	0	E	0	E	0	E	0	E	0	E	0	E	0	E	4	NNE	5

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **September.** Zürich.

Tag	12^{30} p–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	WSW 4	WSW 4	NW 7	NNE 4	NNE 4	E 2	S 9	SSW 7	NW 9	SE 22	SE 13	SSE 13	116
2	SSW 8	SW 11	WNW 14	NNW 9	NNW 6	NNW 5	N 7	N 2	N 1	N 0	N 0	N 0	114
3	ESE 2	NE 5	NNE 6	N 5	NNE 4	NE 6	NE 0	NE 0	ESE 3	SE 3	ESE 0	ESE 0	52
4	NNW 7	N 8	NNE 10	NNE 12	NNE 13	ENE 14	ENE 14	NE 12	NNE 4	ENE 3	WSW 19	WSW 20	155
5	SW 10	SW 10	WNW 13	WNW 8	W 7	WNW 10	WSW 12	WSW 14	SW 14	WSW 14	SW 18	SW 20	251
6	WSW 13	WNW 9	NW 10	WNW 11	WNW 10	WNW 11	NNW 5	N 0	N 0	N 1	N 1	NE 0	188
7	NE 4	ENE 7	ENE 8	NNE 6	NNE 4	NNE 11	NE 12	N 7	WNW 0	WNW 1	NNW 1	NE 1	91
8	NNE 14	NNE 11	NE 11	NNE 10	N 4	NNE 4	NNE 4	E 2	W 0	WNW 2	NW 5	NW 0	158
9	WSW 2	SW 6	SW 5	WSW 11	W 12	WSW 5	WSW 11	WSW 13	SW 4	S 6	S 10	S 11	103
10	ESE 9	SE 8	S 9	SW 4	WSW 5	SSW 0	WSW 2	NW 0	NW 0	NW 1	NW 1	NW 0	115
11	NE 21	NE 24	NE 25	NE 25	NE 25	NE 23	NE 21	NE 22	NE 24	NE 10	NNE 9	NNW 8	308
12	W 5	NW 5	WNW 5	NNE 3	WNW 2	N 2	E 1	E 1	E 0	E 0	E 0	E 5	67
13	WNW 10	WNW 19	WNW 16	WNW 14	WNW 6	WNW 0	WNW 2	WNW 5	WNW 4	WNW 1	WNW 1	NW 0	108
14	NNE 10	N 11	NE 9	NE 9	N 10	WSW 26	WSW 12	NW 8	W 1	SE 2	SSE 3	WSW 7	139
15	WSW 13	W 9	NNW 7	NNW 3	E 3	SE 4	E 12	SE 10	SE 12	SSE 12	SE 13	SE 4	160
16	WNW 2	WNW 3	WNW 3	NNE 1	N 0	N 0	N 0	N 0	NE 0	ENE 0	NE 0	N 7	60
17	SW 18	SW 21	SW 18	WSW 19	WSW 0	NW 6	NW 4	NNW 1	N 6	WNW 3	N 2	ENE 0	259
18	NNW 10	WNW 8	WNW 8	WNW 8	NW 0	NW 0	NNE 2	ENE 7	ENE 1	ENE 0	ENE 0	NE 1	117
19	NW 7	W 11	WSW 6	WSW 10	SW 3	W 9	WNW 3	WNW 3	SW 3	SE 2	SE 1	SE 0	119
20	WNW 6	W 7	WSW 9	WSW 8	W 15	WNW 17	WNW 11	WNW 6	WSW 10	W 5	WNW 5	WSW 21	135
21	SSW 11	S 13	S 13	S 13	S 9	S 8	SSE 3	SSE 1	SSE 0	S 5	SE 5	SSW 1	207
22	SW 4	SSE 11	S 14	SSW 8	S 7	S 7	SSE 1	SE 3	SE 3	SE 0	SE 6	SE 6	102
23	WSW 0	WNW 0	WSW 4	SSE 6	SSE 3	ESE 3	ENE 3	ESE 5	SE 4	ENE 9	NE 1	NE 3	57
24	ENE 10	NNE 11	NNE 11	NNE 11	NNE 9	NNE 11	NE 11	NNE 1	NNE 2	NNW 1	NNW 0	NNW 0	133
25	WNW 6	NNW 10	NW 9	NNW 7	NNE 8	NE 8	N 5	WNW 1	WNW 1	NNE 1	NNW 1	E 0	67
26	N 6	N 7	NNE 10	NE 8	W 3	SSW 1	SE 1	ENE 5	N 9	NNE 19	NE 15	NW 7	203
27	NNE 11	NNE 14	NE 19	NNE 18	NE 11	NE 15	N 9	NNW 3	NNW 3	N 11	NNE 2	NNE 1	194
28	NW 12	NNW 9	NNW 9	N 8	N 3	NE 13	N 12	W 6	W 1	WNW 2	NW 0	NW 0	96
29	NNW 7	NW 9	WNW 10	WNW 10	WNW 7	WNW 5	NW 1	NW 0	NE 1	E 0	E 0	E 0	64
30	NW 7	WNW 8	NW 8	NW 0	NW 6	NW 1	NW 2	NW 0	NW 0	NW 0	NW 2	NW 0	71

Oktober.

1	W 2	N 5	NNE 0	NNE 1	NNE 0	NNE 1	ENE 8	ESE 5	ESE 0	ESE 0	ESE 3	SSE 4	42
2	NW 10	NW 9	WNW 8	NW 5	NW 3	NW 0	NNW 1	NNW 2	NE 3	N 0	ENE 2	E 4	103
3	WNW 9	W 3	SSW 5	SSE 0	SSE 2	SSE 5	SE 4	ESE 8	ESE 5	ESE 8	ESE 1	ESE 2	109
4	NW 7	NNW 6	NNW 2	NNW 0	NNW 0	NNW 0	NNE 3	ESE 5	SE 5	SSE 9	SSE 6	S 8	57
5	WNW 7	W 8	W 9	WSW 14	SW 12	S 9	S 9	SSE 9	SSE 7	SW 13	SW 16	SW 4	190
6	N 0	W 3	SSW 2	SSW 1	SSW 0	SE 2	NW 3	NW 5	NW 2	NW 3	NW 8	NNW 6	91
7	ENE 4	NE 1	WNW 11	NW 7	NW 10	NNW 4	NNW 2	NW 0	NNW 4	NE 1	NNW 8	NNW 2	110
8	WNW 11	W 17	WNW 31	WNW 21	WNW 21	W 10	SW 21	SW 23	SSW 18	S 10	SSE 12	SSE 7	274
9	WSW 24	WSW 24	WSW 21	WNW 19	WNW 12	WNW 4	NW 6	NNW 0	NNW 0	NNW 0	NNW 0	NNW 0	300
10	NNE 13	NE 14	NNE 13	NNE 10	NE 12	NE 14	NE 17	ENE 13	NNE 6	NNW 6	NE 7	W 3	157
11	NNW 0	NNW 0	NNW 0	NNW 0	NNE 0	ENE 1	SE 3	SE 3	SE 7	SE 0	SE 0	ENE 2	36
12	WNW 20	WNW 24	WNW 21	WNW 17	WNW 13	NW 4	N 6	NE 3	E 2	NNE 0	NNE 4	NNE 3	178
13	NE 13	NE 11	NNE 17	NE 13	NNE 13	NE 17	NNE 16	NNE 20	NNE 21	NNE 22	NNE 24	NE 28	246
14	ENE 21	ENE 13	NE 13	NNE 12	NNE 11	NE 11	NNE 10	NNE 14	NW 9	WNW 8	NW 6	NNE 1	295
15	S 8	SSW 5	W 6	NW 7	W 6	ENE 11	NW 11	W 4	WSW 4	NNW 3	N 5	WNW 3	114
16	NNE 10	NE 16	N 14	N 13	N 13	NNE 22	NNE 22	NNE 26	NNE 23	N 18	NW 20	NE 21	306
17	N 9	N 17	NNE 13	NNE 6	NNE 2	NNE 3	N 1	N 0	N 0	NNW 3	NW 0	NW 0	166
18	W 6	WNW 9	WNW 4	WNW 1	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	82
19	WNW 7	WNW 7	WNW 4	WNW 4	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 1	WNW 0	47
20	WNW 10	WNW 5	W 2	WNW 1	WNW 1	N 1	NNE 3	ESE 3	NE 3	NNE 2	NNW 2	NNW 0	57
21	NW 11	NW 13	NW 9	WNW 4	WNW 1	WNW 3	WNW 1	NNE 0	E 0	NE 1	NE 2	N 3	69
22	NW 14	NW 13	NW 9	NW 8	WNW 11	WNW 14	NW 8	NNE 4	ENE 7	ENE 2	NNE 6	NNW 9	149
23	NNW 12	N 6	NW 5	NW 0	W 2	W 0	W 0	W 0	W 0	W 0	SW 0	S 0	71
24	S 8	SSE 9	S 1	S 0	S 0	SSE 10	SE 6	SE 1	SE 0	SE 0	SE 0	SE 1	48
25	WNW 8	WNW 7	NW 5	NNE 1	E 1	E 0	E 0	E 0	E 0	E 4	NE 1	N 0	43
26	SSW 0	NE 4	NNW 5	WNW 1	NW 13	W 3	S 19	ESE 6	ESE 5	N 8	NNW 7	NW 7	79
27	WNW 9	NNE 3	NE 4	ENE 2	ENE 0	ENE 0	NE 1	NNE 0	NE 0	ESE 0	ESE 0	NE 0	70
28	NW 4	NW 1	WNW 1	WNW 1	NW 1	SSW 2	ESE 12	SE 11	SSE 9	SSE 10	SSE 7	SSE 3	91
29	NNW 5	WNW 6	NW 5	NNW 0	N 3	NNE 1	NNE 5	N 3	NW 9	NNW 5	NW 12	NW 19	156
30	W 14	W 19	WNW 14	NW 5	NW 0	NW 2	NW 0	NW 1	NW 0	NW 1	NW 6	NW 5	126
31	NW 6	WNW 6	WNW 10	WNW 2	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	WNW 0	45

November 1913. $h_a = 34{\cdot}5^{m}$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a		1^{30}–2^{30}		2^{30}–3^{30}		3^{30}–4^{30}		4^{30}–5^{30}		5^{30}–6^{30}		6^{30}–7^{30}		7^{30}–8^{30}		8^{30}–9^{30}		9^{30}–10^{30}		10^{30}–11^{30}		11^{30}–12^{30} p	
1	2.0	WNW	0	WNW	0	WNW	0	WNW	1	WNW	0	WNW	0	WNW	0	WNW	0	WNW	0	WNW	1	NW	7	NW	7
2	5.5	SW	9	S	17	SSW	17	SW	20	WSW	9	WNW	1	WNW	0	WSW	0	SSW	0	SSW	1	SSW	0	SW	3
3	8.5	SE	6	SE	6	SE	4	SE	9	ESE	13	SSE	12	SSE	4	SSE	10	S	9	S	11	WSW	15	W	15
4	2.1	SSE	2	SSE	0	SSE	1	SSE	0	SSE	0	SSE	0	SSE	4	SSE	1	SW	0	WNW	0	SW	4	SE	7
5	9.8	S	0	SSE	6	SSE	3	SE	7	SSE	8	SSE	4	SSE	8	SSE	6	SSE	6	SSE	8	SSW	15	SW	13
6	13.5	SW	30	W	25	W	22	W	19	W	15	W	15	WNW	15	W	11	WNW	6	SW	8	SSW	14	SSW	16
7	12.8	WNW	13	WSW	8	SSW	11	S	8	S	16	SW	17	SW	12	S	9	S	9	SSE	8	WSW	11	WSW	16
8	13.7	WSW	19	WSW	19	WSW	25	WSW	16	WSW	12	W	9	WSW	6	WSW	8	WSW	14	WSW	17	WSW	16	WSW	15
9	7.7	SSE	9	SE	7	SSE	8	SE	10	SSE	10	SSE	7	S	6	SSE	9	SSE	9	SSE	10	SSE	11	SSE	8
10	2.3	SSE	7	SE	7	ESE	4	E	1	NE	3	N	0	N	0	N	10	NNW	3	N	0	NNW	1	W	2
11	4.0	NE	0	SSE	1	WNW	2	NNW	2	NW	2	NW	4	NNW	4	NW	10	NW	9	WNW	4	NNW	1	ENE	1
12	5.0	ESE	4	ESE	9	E	2	ESE	1	ESE	1	ESE	0	ESE	1	NW	3	WNW	2	NW	12	WNW	5	WNW	1
13	18.4	SSE	12	S	24	S	18	SSE	22	SSE	18	SSE	17	SSE	19	SSE	12	SSE	17	S	11	S	4	SE	2
14	29.8	WSW	15	WSW	15	WSW	17	WSW	21	SW	26	WSW	23	SW	28	SW	33	WSW	32	WSW	35	WSW	31	WSW	34
15	28.4	WSW	33	WSW	37	WSW	26	W	21	WSW	19	WSW	24	WSW	31	WSW	27	SW	24	SW	21	WSW	33	SW	35
16	31.2	SW	25	SW	28	SW	26	SW	36	WSW	33	WSW	53	SW	38	SW	43	SW	41	SW	42	WSW	48	WSW	46
17	18.2	WSW	16	WSW	28	WSW	26	WSW	26	WSW	24	WSW	18	WSW	20	WSW	19	SW	20	SW	22	SW	26	WSW	21
18	4.8	S	10	S	11	SE	7	SE	4	SSE	4	SSE	7	SSE	6	SSE	4	SSE	5	SSE	5	SSE	2	SSE	2
19	7.6	NW	3	W	3	SSE	7	ENE	6	NNW	6	W	4	W	4	NNW	3	SSE	14	SW	16	SW	16	WSW	15
20	2.5	SE	0	SE	0	SE	0	ENE	5	N	2	N	1	N	0	NE	0	ESE	0	ESE	0	ESE	1	N	8
21	2.5	NW	6	NW	1	NW	0	NW	0	NW	1	SSW	3	WSW	4	WNW	4	WNW	7	NW	3	N	1	NE	1
22	1.7	ESE	0	ESE	0	NE	2	NNW	0	NNW	3	NNW	1	NNW	1	NNE	2	N	0	N	2	WNW	2	W	5
23	0.9	NNW	0	W	1	W	1	NW	0	NW	1	ENE	5	SSE	0	SSE	0	SSE	0	SSE	0	SSE	0	SSE	0
24	6.2	SSE	6	SE	2	SE	3	SE	4	SE	0	SE	4	SE	0	SE	0	SE	0	SE	1	SSE	2	S	0
25	7.9	SW	14	WSW	14	WSW	16	WSW	14	WSW	13	WSW	16	WSW	13	W	8	W	10	WSW	9	W	8	W	10
26	2.1	NE	1	ENE	0	NNE	1	NNE	4	NNE	7	NNE	0	ENE	2	ESE	0	ESE	1	ESE	3	ESE	0	ESE	2
27	8.8	E	12	SSE	10	SSE	11	SSE	10	S	8	SSW	13	SSW	15	SSW	18	SSW	11	SW	6	SW	9	WSW	7
28	6.9	SSW	1	S	3	S	2	SSE	6	S	7	SW	7	SW	12	WSW	11	W	14	SW	9	SW	7	WSW	12
29	2.3	WNW	4	NNW	3	NNW	0	NNW	0	W	2	S	3	SSE	0	SSE	2	SSE	0	SSE	0	SW	2	WNW	0
30	4.8	SSE	8	SSE	6	SSE	7	SSE	11	SSE	6	SSE	8	SSE	7	SSE	7	SSW	5	W	3	SW	4	SSW	5

Dezember.

Tag	Mittel	0^{30}–1^{30} a		1^{30}–2^{30}		2^{30}–3^{30}		3^{30}–4^{30}		4^{30}–5^{30}		5^{30}–6^{30}		6^{30}–7^{30}		7^{30}–8^{30}		8^{30}–9^{30}		9^{30}–10^{30}		10^{30}–11^{30}		11^{30}–12^{30} p	
1	1.4	NNW	1	NNW	1	NNW	0	NNW	0	NNW	1	NNW	1	NNW	0	NNW	0	NNE	0	ENE	0	ENE	0	N	4
2	2.0	SE	5	NE	4	NNW	9	NNW	1	NNW	0	NNW	1	NNE	1	E	1	E	1	ESE	1	W	3	WNW	0
3	1.2	SE	0	SE	4	SE	3	SW	1	WNW	0	WNW	0	WNW	0	WNW	0	WNW	1	WNW	0	WNW	0	W	0
4	26.4	NW	6	NW	11	NW	14	NNW	8	NNW	10	SE	7	ESE	7	SE	10	S	15	SW	34	SW	44	SW	39
5	30.8	WSW	29	WSW	30	WSW	25	SW	23	SW	27	WSW	29	WSW	19	SW	24	WSW	26	W	18	W	20	WSW	24
6	16.3	WSW	27	WNW	17	WNW	13	WNW	14	WNW	12	WNW	15	WNW	12	WNW	12	W	18	WSW	31	WSW	32	WSW	33
7	6.4	SSE	6	S	6	SSE	7	SSE	0	SSE	0	SSE	1	W	6	NNE	17	NNE	10	NNE	7	NE	5	NE	8
8	3.7	N	10	N	0	N	1	NE	4	E	2	E	1	E	0	E	0	E	0	E	1	SE	5	SSW	2
9	3.3	ESE	1	E	0	E	0	NE	3	N	0	NE	5	ESE	6	ESE	0	ESE	0	ESE	3	SE	0	SSE	1
10	16.5	WNW	14	ENE	4	WSW	5	NW	7	NW	13	NNW	7	WNW	10	WNW	10	W	16	WSW	24	W	26	W	18
11	12.0	WSW	26	WSW	25	WSW	31	WSW	29	WSW	26	WSW	14	WSW	19	WSW	21	WSW	15	WSW	7	WNW	6	WNW	0
12	9.4	WNW	0	WNW	0	WSW	1	SSW	2	SSW	6	WSW	9	SW	5	SSW	12	SSW	8	SW	5	WSW	2	SW	14
13	7.7	WSW	12	SW	15	SW	17	SSW	16	SW	15	SSW	13	SSW	11	S	12	SSW	13	SSW	9	S	11	SSW	12
14	13.7	W	0	W	0	WNW	4	NW	9	WNW	5	WNW	7	W	4	NW	2	NW	1	W	1	SW	9	WSW	16
15	14.0	SW	31	SW	45	WSW	35	WSW	30	WSW	30	WSW	19	WSW	15	W	14	W	9	W	5	WSW	2	SSW	12
16	6.0	SSE	1	SSE	0	SSE	0	SSE	0	SSE	2	SSE	1	S	0	S	0	WSW	2	WNW	3	WNW	4	WNW	3
17	11.7	WSW	9	WNW	9	WNW	7	W	6	WSW	8	W	7	WSW	17	WSW	24	SW	23	SW	24	SW	20	SSW	18
18	10.2	SSE	0	SSE	0	SSE	0	SSE	0	SSE	0	E	0	N	3	NNE	7	NNE	13	NNE	13	NNE	11	NNE	11
19	18.1	NE	25	NE	26	ENE	29	NE	29	NE	31	NE	27	NE	24	NE	18	NE	15	NE	14	NNE	15	NNE	21
20	3.0	N	5	N	3	N	7	N	7	NNW	2	N	6	NE	3	NNE	8	NE	5	SW	4	NNW	4	NE	4
21	2.8	E	0	E	4	ENE	5	N	3	WNW	5	W	4	W	2	WSW	3	SW	3	WNW	4	WNW	1	SW	2
22	3.0	NNW	3	NW	6	NNW	6	NNW	7	NNW	3	NNW	3	NNW	1	NNW	1	NW	1	W	2	WSW	1	WSW	2
23	1.7	NW	1	NW	1	NW	3	W	2	W	0	SSW	3	SSE	2	SSE	3	SW	5	W	2	W	3	WNW	1
24	10.7	SSE	0	SSE	3	SSE	4	SSE	5	SSE	5	SSE	6	SW	10	S	3	S	10	SSE	11	SE	8	SSE	11
25	8.8	WNW	11	WNW	10	WNW	10	W	10	WSW	9	WSW	10	WSW	10	W	9	WNW	6	WNW	6	WSW	11	WSW	11
26	14.3	SE	1	SSE	7	SSW	8	WSW	7	W	0	SW	10	S	14	S	15	SSE	8	S	8	SSW	16	SW	15
27	33.4	SSW	12	WSW	9	SSW	8	SE	6	S	6	SW	29	SW	34	SW	39	SW	35	WSW	47	SW	45	WSW	38
28	24.1	WSW	36	WSW	33	SW	31	WSW	34	WSW	32	SW	21	SW	27	SW	24	S	7	SE	2	ESE	2	ESE	0
29	5.4	WNW	8	W	7	NW	2	NNW	0	NW	2	WNW	0	SW	2	WSW	1	WSW	1	NW	5	NNW	9	NNW	7
30	7.6	NNW	7	NNW	7	NNW	4	NNW	0	NW	5	WNW	7	WNW	9	WNW	12	WNW	16	WNW	14	WNW	13	NNW	8
31	10.1	N	9	N	16	N	12	NNW	7	NNW	8	N	6	NNW	9	NNW	9	NNE	4	NNE	5	NNE	9	N	6

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **November.** Zürich.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	NNW 3	NW 1	WNW 1	WNW 0	WNW 0	SSW 7	ESE 5	ESE 0	NE 3	NNW 4	WNW 9	WNW 0	49
2	SSW 1	SSW 5	WSW 1	SW 0	SW 0	S 1	SE 9	SE 9	SE 7	SE 8	SE 7	SE 8	133
3	WSW 15	W 15	WSW 19	WSW 18	WSW 12	W 5	WNW 0	WNW 0	WNW 0	WNW 0	WSW 0	S 6	204
4	S 3	E 3	NNE 2	N 4	NNW 2	W 6	SW 3	SSE 5	SSE 3	SSE 0	SE 6	SE 1	51
5	WSW 16	SW 19	SW 13	S 9	SSE 11	SSE 11	SSW 12	SSE 5	SSE 8	SE 6	SSW 9	SSW 32	235
6	SW 15	SSW 16	SSW 12	S 11	SSW 10	SSW 13	SSE 11	SSE 9	SSE 4	SE 6	ESE 11	SW 11	325
7	SW 13	WSW 16	SSW 14	WSW 13	SSW 7	W 9	W 9	WSW 19	WSW 18	WSW 14	WSW 18	WSW 18	306
8	WSW 14	SW 13	SW 14	SSW 8	SW 6	WSW 8	SW 16	SW 18	SW 18	SW 14	WSW 14	SW 9	328
9	SSE 10	SSE 8	SSE 8	SSE 12	SSE 12	SSE 8	SSE 8	SSE 9	SSE 5	SSE 0	SSE 0	SSE 2	186
10	SSW 2	WNW 3	NW 4	NNE 1	NE 1	NNE 1	ENE 2	ESE 1	ESE 0	ESE 0	ENE 1	ENE 2	56
11	W 6	NNW 3	NNW 8	ENE 5	SSE 7	SE 9	SE 7	SE 3	SE 2	SE 1	SE 1	NE 4	96
12	WNW 0	WNW 1	NW 8	NW 6	WNW 6	WNW 9	NW 4	NW 12	WNW 9	NW 13	NW 9	NE 3	121
13	W 3	SW 10	WSW 15	SW 30	SW 32	SW 27	SW 26	WSW 25	SW 25	SW 24	WSW 28	W 21	442
14	WSW 35	WSW 33	WSW 35	WSW 33	SW 31	WSW 26	SW 31	SW 40	WSW 45	WSW 40	WSW 25	SW 31	715
15	SW 36	WSW 32	WSW 35	WSW 26	WSW 29	SW 22	WSW 35	SW 32	SW 25	SW 34	SW 21	SSW 23	681
16	WSW 43	WSW 34	WSW 29	WSW 25	WSW 23	W 27	W 14	WSW 13	WSW 22	WSW 27	W 19	W 13	748
17	W 16	SW 19	SW 13	WSW 17	SW 21	WSW 15	WSW 10	SSW 15	SW 12	SW 13	SW 14	SSW 5	436
18	SSE 5	SSE 3	SSE 2	SSE 3	SSE 3	SSE 3	SSE 7	SE 4	SE 4	S 9	WSW 2	ESE 4	116
19	WNW 13	WNW 9	WNW 15	WNW 12	WNW 9	N 3	ENE 7	ENE 8	ENE 4	E 2	ENE 2	ESE 2	183
20	WNW 4	S 5	S 8	S 6	S 0	S 0	S 2	WSW 2	NW 0	NW 3	NNW 8	NW 6	61
21	SE 6	S 4	S 2	S 0	S 1	S 0	S 0	S 0	W 1	SSW 4	ESE 4	ESE 6	59
22	NW 9	WNW 3	W 2	NW 5	NW 0	NW 0	NW 0	NW 0	NW 0	NW 1	N 1	N 2	41
23	SSE 0	SSE 2	SSE 0	SSE 0	SSE 0	SW 2	WNW 4	NW 0	N 0	ENE 0	E 4	ESE 2	22
24	SW 5	W 7	W 7	W 5	WSW 4	WSW 7	WSW 11	WSW 13	WSW 16	WSW 18	WSW 17	WSW 17	149
25	W 8	W 9	W 9	W 8	W 6	W 3	WNW 0	WNW 0	WNW 1	NW 0	NNW 1	NE 0	190
26	ENE 4	NE 5	NNE 2	NNE 5	NNE 2	NNE 0	NNW 0	NW 1	NW 0	NW 1	NW 5	NW 4	50
27	SSW 8	WSW 4	NW 2	NNW 1	W 9	WNW 12	WSW 5	SSW 12	SSW 6	SSW 10	SSE 10	S 3	212
28	SW 10	SW 6	WNW 9	WNW 11	W 8	WSW 11	W 8	WSW 6	SW 1	WNW 0	W 2	WSW 2	165
29	WNW 1	S 9	SSE 8	SSE 5	SSE 1	SE 1	SE 2	SE 3	SE 0	SE 5	SE 2	SE 2	55
30	WSW 2	WSW 3	W 3	W 0	W 4	W 3	WNW 6	NW 5	NNW 3	NNW 6	NNW 3	NNW 0	115

Dezember.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	WNW 5	WNW 1	NW 5	WNW 3	WNW 0	NW 3	NE 1	SE 2	SE 0	SSW 1	WNW 0	SW 5	34
2	W 0	WSW 1	SSW 6	SSE 0	SSE 0	SSE 2	SE 5	SE 6	SE 1	SE 0	SE 0	SE 0	48
3	WSW 1	SW 4	S 2	SSE 2	SE 2	SE 1	SE 0	SE 0	SE 0	S 2	NE 3	S 3	29
4	SW 37	WSW 34	W 31	W 39	W 45	SW 44	SW 39	SSW 35	SW 35	WSW 23	WSW 30	WSW 36	633
5	WSW 23	WSW 30	WSW 34	SW 34	SW 33	SSW 37	SW 48	SSW 40	SW 38	SW 41	WSW 47	WSW 42	741
6	WSW 23	WSW 28	WSW 18	SSW 9	S 9	SSE 10	SE 11	SE 12	SE 10	SSE 11	SSE 8	SSE 6	391
7	NNE 6	NNE 2	NNE 3	NE 3	N 4	N 8	NNE 12	NNE 14	N 8	N 9	N 8	NNW 3	153
8	WSW 1	NE 9	NNE 6	NE 5	ENE 13	ENE 3	E 2	ESE 3	ESE 4	SE 9	SE 5	SE 2	88
9	S 3	S 9	S 3	S 7	SSE 6	S 6	S 7	SSE 2	SSE 0	NE 10	NNE 2	NW 4	78
10	W 17	WSW 23	W 23	W 21	W 17	W 23	W 14	W 13	WSW 17	WSW 25	WSW 23	WSW 26	396
11	W 7	WSW 9	W 8	WSW 7	SW 4	W 7	W 3	W 1	W 6	W 9	WNW 6	WNW 1	287
12	SSW 15	SW 13	WSW 12	SW 11	SSW 14	SSW 14	SSW 15	SW 15	WSW 14	WSW 16	WSW 13	SW 11	225
13	SSW 11	SSW 1	SSW 1	SSW 2	SSW 1	WSW 1	W 5	W 3	W 3	W 0	W 0	W 0	184
14	WSW 18	WSW 20	WSW 18	WSW 18	WSW 20	WSW 19	WSW 18	WSW 21	WSW 28	SW 33	SW 31	SW 26	328
15	SW 11	WSW 13	W 12	SW 6	SSW 10	SSE 11	SSE 10	S 8	S 3	SSE 3	SSE 3	SSE 0	337
16	WNW 12	WNW 10	WNW 14	WNW 9	NW 8	NNW 13	NW 15	WNW 10	WNW 10	WSW 11	SW 6	WSW 10	144
17	SSW 14	SW 17	WSW 17	SSW 14	SW 12	SSW 11	SSW 7	S 5	SSE 8	SSE 3	SSE 0	SSE 0	280
18	NE 15	NE 18	NE 13	NE 8	NNE 9	NNE 13	NE 14	NE 19	NNE 19	NNE 16	NNE 20	NE 22	244
19	NNE 17	NNE 17	NNE 16	NNE 12	NNE 11	NNE 14	NNE 16	NE 18	NE 16	NE 11	N 7	NW 5	434
20	S 5	NNW 4	NNE 3	NW 1	NNE 0	ENE 0	E 0	E 0	E 0	E 0	E 0	E 0	71
21	SSE 2	SSE 1	SSE 2	SW 5	SW 5	SSW 5	WNW 3	NW 1	NNW 0	NNW 3	NW 3	NNE 1	67
22	SW 4	WSW 1	S 3	SSE 2	SSE 0	E 5	NNE 1	N 6	SE 4	SSW 2	NW 6	NW 1	71
23	WNW 0	W 3	W 1	SW 5	SSE 1	SSE 0	SSE 2	SSE 3	SSE 0	SSE 0	SSE 0	SSE 0	41
24	SSE 10	SSW 22	SSW 22	SSW 19	SW 12	W 21	W 18	WNW 16	WNW 14	WNW 16	WSW 5	WSW 6	257
25	WSW 11	W 13	W 15	WNW 13	WNW 8	WSW 8	WSW 6	WSW 8	NW 6	WNW 2	WSW 3	S 4	210
26	SSW 17	SSW 26	SSW 26	SSW 19	SSW 21	SSW 22	SSW 21	SSW 20	SSW 20	SSE 13	SSE 15	SSE 14	343
27	WSW 49	WSW 50	WSW 40	WSW 38	WSW 40	WSW 38	WSW 42	WSW 39	WSW 37	WSW 40	WSW 41	WSW 39	801
28	NNE 3	WSW 36	W 33	WSW 18	SW 37	WSW 62	SW 48	WSW 34	W 26	W 15	WNW 8	W 10	579
29	NW 5	NW 5	NNW 6	NNW 1	NNW 2	WNW 9	NW 14	NNW 9	NNW 9	NNW 9	NNW 8	NNW 8	129
30	WNW 5	WNW 8	WNW 9	WNW 8	WNW 6	WNW 4	WNW 2	WNW 7	NW 7	NNW 8	NNW 11	NNW 5	182
31	NNE 11	NNE 12	NNE 12	NNE 12	NNE 7	NNE 13	NNE 14	NNE 12	NNE 15	NNE 18	N 7	N 10	243

1913. **Häufigkeit der 16 Windrichtungen** (in Stunden). **Zürich.**

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calmen	Summe
Januar	10	11	25	26	6	5	13	37	22	22	31	81	44	20	8	13	370	744
Februar	11	25	79	95	15	5	8	37	20	7	14	45	14	16	19	13	249	672
März	19	21	22	32	9	9	9	57	54	39	27	46	56	53	35	31	225	744
April	24	38	43	70	10	12	12	21	25	41	32	55	44	51	29	19	194	720
Mai	20	30	90	49	12	4	22	30	37	27	31	40	53	54	35	27	183	744
Juni	11	34	44	17	6	8	11	48	26	28	38	57	58	150	41	29	114	720
Juli	22	32	36	13	3	24	5	42	39	54	36	72	54	115	31	49	117	744
August	23	54	62	28	12	31	25	31	17	16	26	41	32	81	42	53	170	744
September	34	64	50	22	20	14	43	20	23	23	29	43	36	56	63	42	138	720
Oktober	29	71	38	26	29	26	19	37	19	22	22	13	24	72	70	44	183	744
November	10	10	9	15	6	18	42	90	34	37	79	118	53	36	33	22	108	720
Dezember	24	48	34	5	8	8	23	43	27	52	67	121	56	65	32	43	88	744
Summe	237	438	532	398	136	164	232	493	343	368	432	732	524	769	438	385	2139	8760
id. in %	2.7	5.0	6.1	4.5	1.4	1.9	2.7	5.6	3.9	4.2	4.9	8.4	6.0	8.9	5.0	4.4	24.4	100.0

Mittlere Windgeschwindigkeit (Meter pro Sekunde).

		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar	31 Tage	0.9	1.9	1.8	2.7	0.6	0.8	1.0	1.8	1.7	2.3	4.1	7.2	7.0	2.9	1.0	1.3	—
Februar	28 »	1.2	2.7	3.7	4.2	3.6	2.3	0.6	1.3	1.4	2.5	3.9	8.0	5.4	2.4	1.6	1.7	—
März	31 »	1.5	1.8	2.9	3.8	2.1	2.1	2.7	2.9	2.1	2.1	1.9	5.1	5.8	4.0	2.9	2.0	—
April	30 »	1.8	1.9	2.2	2.8	1.7	1.7	1.5	1.4	2.2	2.3	3.9	4.8	3.6	4.2	3.5	1.3	—
Mai	31 »	1.7	2.1	3.0	2.8	1.0	0.8	1.5	3.1	2.7	2.0	3.1	3.9	4.4	4.1	3.5	1.5	—
Juni	30 »	1.2	1.7	3.2	2.0	1.9	0.9	1.3	2.3	2.0	1.9	2.8	3.9	2.6	3.3	1.5	1.4	—
Juli	31 »	1.7	2.6	2.9	2.4	1.6	1.0	3.1	2.1	2.3	2.0	3.0	3.6	2.8	3.4	1.8	1.7	—
August	31 »	1.6	1.9	2.9	1.8	1.2	1.7	1.7	1.4	2.1	1.8	2.1	3.5	2.8	2.3	1.5	1.6	—
Septemb.	30 »	1.7	2.0	3.0	1.5	0.9	1.2	1.3	1.5	1.9	2.0	2.9	3.1	1.5	1.9	1.5	1.5	—
Oktober	31 »	1.8	2.5	2.1	2.0	1.1	1.0	1.4	1.5	1.7	1.7	3.2	3.6	2.0	2.2	1.8	1.4	—
Novemb.	30 »	0.9	0.7	0.7	1.0	1.1	1.1	1.4	2.0	2.2	2.9	5.3	5.5	2.6	1.7	1.4	0.9	—
Dezemb.	31 »	1.9	3.0	3.6	3.0	0.6	0.9	1.5	1.5	1.9	3.7	5.9	5.9	3.4	2.3	1.5	1.5	—
	Mittel	1.5	2.1	2.7	2.5	1.4	1.3	1.6	1.9	2.0	2.3	3.5	4.8	3.7	2.9	2.0	1.5	—

Monatsmittel der Windgeschwindigkeit (Kilometer pro Stunde).

		1a	2	3	4	5	6	7	8	9	10	11	12	1p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Januar	31 Tage	4.7	5.8	5.8	5.7	4.7	4.7	5.4	7.4	6.7	7.5	7.8	8.0	9.3	9.7	9.8	9.0	7.8	7.3	7.1	6.4	6.4	5.9	6.2	6.5	6.9
Febr.	28 »	9.4	8.3	8.3	7.6	6.6	5.9	6.0	5.9	6.1	7.2	10.8	9.5	11.3	10.7	9.7	9.5	7.5	5.6	5.8	7.5	8.2	8.8	10.0	8.8	8.1
März	31 »	5.5	4.9	5.3	5.8	5.9	5.1	5.2	5.8	7.0	8.0	10.0	10.8	12.4	14.2	13.9	11.5	10.7	9.5	6.9	7.1	7.0	7.7	7.0	5.3	8.0
April	30 »	5.3	5.3	5.1	3.9	4.2	3.7	4.9	6.1	7.0	8.3	11.4	11.0	11.6	10.8	11.6	12.1	10.6	9.4	8.3	9.1	7.8	5.3	5.3	5.3	7.6
Mai	31 »	3.2	3.9	3.2	3.3	2.8	2.7	3.4	5.2	7.1	8.6	11.1	12.1	13.4	14.5	14.3	13.0	13.3	12.3	11.3	10.4	8.4	6.7	4.8	4.3	8.1
Juni	30 »	4.1	3.7	3.6	4.4	3.6	4.3	5.4	5.4	6.8	7.8	10.5	10.6	10.7	12.9	12.4	12.5	12.2	12.5	11.7	9.5	8.0	6.9	5.5	4.4	7.9
Juli	31 »	5.5	4.4	4.4	4.5	3.5	3.4	4.3	4.9	7.2	8.8	10.7	10.6	11.1	13.5	12.8	12.7	12.4	11.5	9.5	7.6	7.5	6.5	6.2	6.9	7.9
Aug.	31 »	4.0	2.9	2.0	2.1	2.1	2.0	1.7	3.1	4.3	5.8	8.7	9.7	10.5	11.2	11.5	9.4	8.9	8.3	7.2	5.7	5.2	4.7	5.4	4.1	5.8
Sept.	30 »	3.8	3.1	2.7	2.4	2.6	3.6	3.7	4.8	6.2	6.4	6.9	7.0	8.3	9.6	9.9	9.2	7.3	7.6	6.4	4.8	4.0	4.5	4.5	4.5	5.6
Okt.	31 »	4.7	4.1	4.4	4.4	4.1	4.0	3.3	2.9	2.8	4.0	5.7	8.1	9.1	9.2	8.5	5.7	5.3	5.0	6.1	5.4	4.8	4.4	5.4	4.7	5.3
Nov.	30 »	8.3	9.7	9.0	9.5	9.0	9.2	8.7	9.0	8.9	8.9	9.9	10.3	10.2	10.0	10.0	9.3	8.6	8.1	8.5	9.0	8.1	8.8	8.4	8.0	9.1
Dez.	31 »	9.5	9.8	9.7	8.7	8.6	8.7	9.1	10.0	9.3	10.0	10.9	11.0	11.5	14.2	13.4	11.3	11.4	13.8	13.3	12.3	11.6	11.6	10.3	9.7	10.8
Mittel d. 365 Tage		5.7	5.5	5.3	5.2	4.8	4.8	5.1	5.9	6.6	7.6	9.5	9.9	10.8	11.7	11.5	10.4	9.7	9.2	8.5	7.9	7.2	6.8	6.6	6.0	7.6

1913. **Weg in Kilometern.** Zürich.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Summe
Januar	32	74	164	256	12	15	45	236	133	180	452	2113	1107	211	30	62	5122
Februar	49	242	1065	1426	196	41	18	176	99	62	196	1295	271	138	111	79	5464
März	103	135	227	434	65	68	87	606	416	297	183	839	1161	764	361	220	5966
April	152	266	342	713	60	75	66	109	195	335	449	943	573	772	370	88	5508
Mai	123	226	966	497	45	12	116	332	354	194	350	556	834	794	437	150	5986
Juni	48	214	515	124	41	25	53	389	183	190	382	792	553	1808	226	144	5687
Juli	132	296	375	112	17	88	55	315	319	382	392	943	549	1418	204	304	5901
August	135	377	638	185	52	190	151	161	127	103	200	514	325	656	231	306	4351
September	206	461	535	116	64	62	205	108	157	162	304	484	195	392	338	224	4013
Oktober	190	646	285	191	117	97	94	201	114	135	254	170	173	563	456	218	3904
November	34	27	23	56	24	73	209	658	265	386	1507	2329	486	215	168	70	6530
Dezember	165	511	435	54	17	27	121	234	186	699	1421	2552	680	538	172	236	8048
Summe	1369	3475	5570	4164	710	773	1220	3525	2548	3125	6090	13530	6907	8269	3104	2101	66480
id. in Prozenten	2.0	5.2	8.4	6.3	1.1	1.2	1.8	5.3	3.8	4.7	9.2	20.3	10.4	12.4	4.7	3.2	100.0

Maximale Geschwindigkeit (Meter pro Sekunde).

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar 31 Tage	1.7	5.0	5.6	6.7	1.1	1.1	3.9	3.9	4.4	5.0	11.4	13.6	16.4	11.1	3.3	2.8	—
Februar 28 »	3.1	6.4	9.2	10.6	7.2	7.8	1.4	3.6	3.6	5.0	10.6	14.4	10.6	11.9	5.0	3.1	—
März 31 »	3.6	5.3	6.7	7.2	4.7	5.6	7.2	9.2	8.9	6.1	7.8	12.5	13.9	13.1	13.9	7.8	—
April 30 »	6.1	6.7	6.9	6.4	3.6	5.8	4.4	4.7	4.4	5.0	8.9	10.8	10.0	10.3	8.6	2.5	—
Mai 31 »	4.4	4.4	5.8	5.8	3.1	1.1	8.3	7.2	7.5	5.6	6.9	7.5	9.7	14.2	11.4	4.2	—
Juni 30 »	3.9	5.6	7.2	6.1	3.6	2.8	3.3	5.6	4.4	4.4	6.9	8.9	7.2	11.4	4.2	4.2	—
Juli 31 »	3.3	4.7	5.6	4.7	2.8	2.8	7.2	5.6	8.6	5.8	6.7	7.2	5.6	8.9	4.7	3.6	—
August 31 »	4.4	5.3	6.1	5.0	3.1	6.1	4.2	4.2	4.2	4.7	5.6	7.8	7.8	7.5	4.2	3.9	—
Septemb. 30 »	3.9	5.8	6.9	3.9	3.3	2.8	6.1	3.6	3.9	3.9	7.8	7.8	4.2	5.3	3.9	3.3	—
Oktober 31 »	5.0	7.2	7.8	7.5	2.5	3.3	3.1	3.3	4.4	5.0	6.4	6.7	5.3	8.6	5.5	3.9	—
Novemb. 30 »	2.8	1.9	1.4	2.2	3.3	3.6	2.8	6.1	6.7	8.9	11.9	14.7	7.5	4.2	3.6	2.2	—
Dezemb. 31 »	4.4	5.8	8.6	8.1	1.4	1.9	3.3	4.2	4.2	11.1	13.3	17.2	12.5	4.7	4.2	3.6	—
Jahr	3.9	5.3	6.5	6.2	3.3	3.7	4.6	5.1	5.4	5.9	8.7	10.8	9.2	9.3	6.0	3.8	—

Monatsmittel der Windgeschwindigkeit (Meter pro Sekunde).

	1 a	2	3	4	5	6	7	8	9	10	11	12	1 p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Januar 31 Tage	1.31	1.46	1.61	1.60	1.30	1.32	1.50	2.05	1.86	2.10	2.18	2.23	2.27	2.69	2.72	2.49	2.17	2.03	1.98	1.77	1.78	1.63	1.73	1.81	1.91
Febr. 28 »	2.61	2.31	2.31	2.12	1.84	1.65	1.67	1.63	1.71	1.99	2.99	2.64	3.14	2.98	2.70	2.65	2.09	1.56	1.61	2.07	2.28	2.44	2.78	2.45	2.26
März 31 »	1.53	1.35	1.46	1.62	1.64	1.43	1.71	1.61	1.94	2.23	2.78	2.99	3.43	3.66	3.85	3.21	2.97	2.63	1.92	1.98	1.95	2.12	1.94	1.47	2.23
April 30 »	1.48	1.48	1.43	1.09	1.18	1.03	1.36	1.70	1.94	2.31	3.17	3.05	3.23	3.01	3.21	3.36	2.93	2.62	2.30	2.52	2.18	1.48	1.47	1.48	2.13
Mai 31 »	0.90	1.08	0.89	0.92	0.77	0.76	0.96	1.44	1.97	2.39	3.09	3.35	3.71	4.03	3.96	3.60	3.68	3.40	3.14	2.89	2.35	1.86	1.33	1.18	2.23
Juni 30 »	1.15	1.03	1.01	1.22	1.01	1.19	1.51	1.51	1.90	2.16	2.91	2.94	2.97	3.59	3.45	3.47	3.40	3.46	3.25	2.64	2.23	1.92	1.53	1.21	2.19
Juli 31 »	1.54	1.22	1.23	1.26	0.97	0.94	1.18	1.36	1.99	2.44	2.98	2.94	3.07	3.75	3.56	3.52	3.44	3.19	2.63	2.12	2.08	1.80	1.73	1.93	2.20
Aug. 31 »	1.10	0.81	0.56	0.57	0.59	0.55	0.48	0.86	1.19	1.61	2.40	2.70	2.91	3.12	3.19	2.63	2.48	2.30	1.99	1.57	1.44	1.31	1.50	1.13	1.63
Sept. 30 »	1.07	0.85	0.76	0.67	0.72	0.99	1.03	1.33	1.71	1.78	1.92	1.94	2.31	2.68	2.74	2.55	2.03	2.10	1.78	1.34	1.11	1.26	1.24	1.26	1.55
Okt. 31 »	1.31	1.15	1.21	1.23	1.14	1.11	0.92	0.80	0.78	1.11	1.58	2.25	2.53	2.55	2.37	1.58	1.46	1.38	1.68	1.51	1.34	1.23	1.49	1.30	1.46
Nov. 30 »	2.45	2.69	2.49	2.63	2.49	2.56	2.41	2.50	2.48	2.48	2.74	2.86	2.83	2.78	2.78	2.58	2.38	2.25	2.35	2.49	2.24	2.44	2.34	2.21	2.52
Dez. 31 »	2.65	2.72	2.70	2.42	2.37	2.41	2.53	2.79	2.57	2.78	3.02	3.06	3.21	3.94	3.71	3.14	3.18	3.83	3.70	3.42	3.21	3.22	2.86	2.69	3.00
Mittel d. 365 Tage	1.59	1.51	1.47	1.45	1.34	1.44	1.33	1.63	1.84	2.11	2.65	2.75	2.99	3.23	3.19	2.90	2.68	2.56	2.36	2.19	2.02	1.89	1.83	1.68	2.11

Januar 1913. **Stündliche Lufttemperaturen.** $h_i = 7.0^m$. Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	−5.6	−5.7	−5.8	−5.0	−5.6	−5.2	−4.7	−4.2	−3.6	−3.6	−3.5	−3.2	−3.0	−2.9	−2.9	−3.0	−3.2	−3.3	−3.3	−3.4	−3.6	−3.7	−3.8	−3.9	−3.97
2	−4.1	−4.3	−4.3	−4.1	−4.1	−4.3	−4.6	−4.7	−4.6	−3.9	−3.7	−3.4	−3.4	−3.7	−4.1	−4.4	−4.9	−5.0	−5.1	−5.3	−5.4	−5.5	−5.6	−5.7	−4.51
3	−5.9	−5.9	−5.7	−5.3	−5.2	−5.0	−4.8	−4.7	−4.6	−4.1	−4.2	−4.0	−4.2	−4.5	−4.7	−4.9	−5.0	−4.9	−4.7	−4.7	−4.6	−4.5	−4.3	−4.3	−4.78
4	−4.3	−4.3	−4.3	−4.4	−4.3	−4.6	−4.6	−4.6	−4.2	−3.8	−3.7	−3.5	−3.4	−3.6	−3.9	−4.1	−4.4	−4.5	−4.6	−4.3	−4.4	−4.6	−4.9	−4.8	−4.25
5	−5.0	−5.3	−5.4	−5.6	−5.9	−5.8	−6.0	−6.0	−4.2	−4.0	−3.6	−3.3	−3.3	−3.6	−3.8	−4.4	−5.3	−5.6	−5.6	−5.7	−5.6	−5.7	−5.3	−5.2	−4.97
6	−5.3	−5.6	−5.6	−5.5	−5.5	−5.4	−5.4	−5.4	−5.3	−4.8	−4.3	−3.8	−3.6	−3.6	−3.9	−4.2	−4.7	−4.9	−5.2	−5.5	−5.6	−5.6	−5.7	−5.6	−5.00
7	−5.6	−5.9	−6.0	−6.1	−6.0	−5.7	−5.4	−5.2	−5.0	−4.3	−4.7	−5.1	−5.2	−5.3	−5.3	−5.4	−5.7	−5.7	−5.6	−5.3	−5.1	−5.1	−5.0	−5.0	−5.36
8	−5.1	−5.4	−5.4	−5.2	−5.1	−5.1	−5.6	−5.5	−4.7	−4.3	−4.1	−4.0	−3.9	−4.3	−5.2	−5.8	−6.3	−6.3	−6.4	−6.3	−6.2	−6.3	−6.3	−6.2	−5.37
9	−6.3	−6.3	−6.3	−6.2	−5.2	−6.3	−6.6	−6.7	−6.4	−6.4	−6.3	−5.9	−6.3	−6.2	−6.4	−6.8	−6.8	−6.8	−6.8	−6.7	−6.8	−6.8	−6.8	−7.4	−6.52
10	−7.7	−7.7	−7.7	−7.8	−8.1	−8.3	−8.8	−8.7	−8.3	−7.8	−7.7	−7.3	−6.6	−7.2	−7.9	−8.9	−9.2	−9.3	−9.6	−9.7	−9.7	−9.4	−9.2	−9.0	−8.40
11	−9.0	−8.9	−8.5	−8.2	−8.1	−8.0	−8.0	−7.9	−7.6	−7.5	−7.4	−7.3	−7.2	−7.4	−7.7	−8.0	−7.9	−7.6	−7.3	−7.1	−6.8	−6.7	−6.7	−6.7	−7.65
12	−6.7	−6.1	−6.9	−7.1	−7.1	−7.3	−7.6	−8.0	−8.3	−8.9	−9.0	−9.7	−10.2	−10.9	−11.4	−11.6	−11.7	−11.7	−11.8	−11.9	−12.0	−12.1	−12.2	−12.3	−9.69
13	−12.5	−12.4	−12.6	−12.7	−12.7	−12.7	−12.1	−11.9	−11.4	−11.1	−11.1	−10.9	−10.9	−11.0	−11.2	−11.2	−11.6	−11.9	−12.5	−12.8	−13.1	−13.3	−13.6	−13.4	−12.11
14	−13.2	−13.1	−12.9	−12.9	−12.8	−12.6	−12.5	−12.1	−11.1	−10.1	−10.1	−9.7	−9.1	−9.0	−9.0	−9.0	−8.9	−9.0	−8.6	−8.3	−7.4	−7.3	−7.4	−7.6	−10.15
15	−7.9	−8.1	−8.5	−8.4	−8.1	−7.9	−8.0	−7.8	−7.3	−6.4	−6.6	−6.9	−6.8	−7.3	−8.1	−8.8	−8.8	−8.9	−8.8	−8.6	−8.3	−8.3	−8.3	−8.3	−7.97
16	−8.3	−8.0	−8.4	−8.5	−8.8	−8.6	−8.4	−8.2	−8.4	−8.0	−8.0	−8.7	−9.9	−9.9	−9.9	−10.2	−10.1	−10.1	−9.9	−9.7	−9.4	−9.2	−9.0	−8.6	−9.01
17	−8.3	−8.1	−8.2	−8.7	−8.8	−8.8	−8.9	−9.0	−8.9	−8.7	−8.1	−7.4	−7.2	−7.6	−8.0	−8.2	−8.3	−7.9	−7.7	−7.7	−7.6	−7.5	−7.5	−7.9	−8.18
18	−8.1	−8.3	−8.3	−9.0	−8.9	−8.9	−8.9	−9.0	−9.1	−9.2	−9.2	−9.3	−9.2	−9.4	−9.3	−9.3	−9.3	−9.3	−9.3	−9.4	−9.6	−9.6	−9.7	−9.7	−9.14
19	−9.8	−9.8	−9.9	−10.1	−10.3	−10.6	−10.7	−10.6	−10.3	−10.2	−10.6	−11.0	−11.1	−11.6	−11.6	−11.6	−11.5	−11.3	−10.8	−10.4	−9.9	−9.4	−9.3	−9.0	−10.47
20	−9.0	−9.0	−9.2	−9.9	−10.1	−9.9	−10.0	−9.6	−8.9	−8.5	−8.6	−9.1	−9.3	−9.4	−9.8	−10.4	−11.0	−11.2	−11.3	−11.3	−11.5	−11.6	−11.3	−10.8	−10.03
21	−10.3	−9.9	−9.7	−9.3	−9.7	−9.7	−9.6	−9.8	−9.3	−9.1	−9.3	−9.6	−9.4	−9.5	−9.6	−9.7	−9.7	−9.8	−9.8	−10.1	−10.5	−10.6	−10.6	−10.4	−9.79
22	−10.3	−10.3	−10.4	−10.6	−10.6	−10.6	−10.6	−10.8	−11.1	−11.5	−11.5	−11.5	−11.5	−12.0	−12.2	−12.4	−13.1	−13.3	−13.3	−13.4	−13.6	−13.5	−13.6	**−13.7**	−11.89
23	**−13.7**	**−13.7**	−13.6	−13.1	−12.1	−11.1	−10.0	−9.2	−8.7	−8.3	−7.9	−7.6	−7.2	−7.0	−6.7	−6.5	−6.0	−5.9	−5.7	−5.7	−5.7	−5.6	−5.5	−5.4	−8.41
24	−5.6	−5.8	−6.2	−6.3	−6.6	−6.8	−6.9	−6.9	−6.9	−6.9	−6.4	−5.7	−4.4	−4.4	−4.4	−4.4	−4.4	−4.2	−4.2	−4.0	−4.0	−4.3	−4.3	−4.2	−5.34
25	−4.1	−4.4	−5.5	−5.8	−5.9	−6.5	−6.8	−6.6	−6.3	−6.2	−5.9	−5.9	−5.8	−5.8	−6.0	−6.8	−7.0	−5.4	−5.3	−4.6	−4.4	−4.3	−4.4	−4.6	−5.60
26	−4.7	−4.8	−4.9	−5.0	−5.0	−5.1	−5.5	−5.4	−5.0	−4.8	−5.5	−5.7	−6.3	−6.6	−6.7	−6.6	−6.7	−7.2	−7.6	−7.7	−7.8	−8.1	−8.4	−8.6	−6.24
27	−8.6	−8.7	−9.0	−10.0	−11.1	−11.9	−11.0	−9.6	−7.9	−6.8	−6.8	−6.5	−5.2	−5.3	−5.2	−6.0	−6.3	−6.8	−6.7	−6.7	−6.9	−7.0	−7.0	−6.9	−7.66
28	−6.9	−8.3	−7.8	−7.5	−7.0	−6.9	−6.7	−6.5	−6.2	−6.2	−5.8	−5.2	−5.2	−5.3	−6.0	−6.2	−6.6	−6.4	−6.4	−6.2	−6.1	−6.2	−6.1	−6.0	−6.40
29	−6.0	−6.0	−6.0	−5.7	−5.6	−5.5	−5.3	−5.2	−5.0	−4.8	−4.6	−4.5	−4.1	−4.0	−4.3	−4.4	−4.6	−4.9	−5.0	−5.1	−5.2	−4.9	−5.0	−5.1	−5.03
30	−5.0	−4.9	−4.9	−5.0	−5.1	−5.0	−5.2	−5.3	−5.1	−4.9	−5.0	−5.0	−5.1	−5.2	−5.2	−5.3	−5.7	−6.0	−6.2	−6.0	−5.5	−5.3	−5.3	−5.4	−5.28
31	−5.5	−5.5	−5.6	−5.7	−5.3	−4.8	−4.8	−4.6	−3.9	−3.4	−3.5	−3.6	−3.6	−4.1	−5.4	−7.4	−8.4	−9.3	−9.9	−10.4	−10.5	−10.6	−10.7	−10.7	−6.55
M.	−7.37	−7.44	−7.52	−7.57	−7.60	−7.58	−7.55	−7.41	−7.02	−6.73	−6.67	−6.59	−6.50	−6.70	−6.96	−7.29	−7.52	−7.56	−7.58	−7.55	−7.51	−7.50	−7.51	−7.50	−7.28

Februar 1913. Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
	−10.7	−10.6	−10.4	−10.2	−9.9	−9.7	−9.6	−9.7	−9.7	−9.8	−9.6	−9.3	−8.4	−8.1	−7.7	−7.6	−6.8	−6.7	−5.6	−4.5	−4.2	−4.3	−4.5	−5.1	−8.03
2	−5.4	−5.4	−5.5	−5.8	−6.0	−5.9	−6.2	−8.2	−9.3	−10.1	−10.1	−10.1	−10.1	−10.6	−11.2	−11.7	−12.0	−12.0	−12.0	−12.0	−12.0	−12.1	−12.8	−13.5	−9.58
3	−13.3	−12.6	−11.8	−10.9	−10.2	−9.5	−9.2	−8.6	−8.3	−8.0	−7.7	−7.4	−7.3	−7.0	−7.0	−7.0	−7.3	−7.3	−7.5	−7.7	−7.8	−7.8	−8.0	−8.3	−8.65
4	−8.5	−8.8	−8.8	−8.7	−8.3	−7.9	−7.8	−7.8	−7.7	−7.2	−6.2	−5.2	−4.8	−4.7	−4.2	−4.1	−3.7	−3.5	−3.6	−3.6	−3.6	−3.8	−3.7	−4.4	−5.86
5	−4.1	−3.8	−3.8	−3.7	−3.9	−3.7	−3.2	−3.1	−3.0	−2.5	−2.4	−2.3	−2.0	−2.0	−2.3	−2.6	−2.8	−3.0	−3.3	−3.3	−3.6	−3.7	−3.9	−3.9	−3.16
6	−4.5	−4.8	−5.0	−5.3	−6.3	−7.0	−7.4	−7.3	−6.0	−5.4	−5.4	−5.4	−5.4	−5.6	−6.0	−6.2	−6.5	−6.7	−7.1	−7.3	−7.2	−7.3	−7.4	−7.6	−6.25
7	−7.9	−8.3	−8.3	−8.3	−8.3	−8.3	−8.3	−8.3	−7.8	−7.6	−7.3	−6.7	−5.8	−5.0	−4.9	−5.6	−5.6	−5.6	−5.9	−5.4	−5.1	−4.6	−4.6	−4.5	−6.58
8	−4.8	−4.4	−4.7	−4.9	−5.3	−6.1	−6.1	−6.3	−6.1	−6.4	−6.3	−7.7	−7.8	−8.2	−8.8	−9.2	−9.6	−9.5	−9.9	−10.0	−10.6	−10.7	−10.7	−10.4	−7.69
9	−9.9	−9.7	−9.6	−10.3	−9.5	−8.7	−8.0	−7.4	−7.0	−6.8	−6.7	−6.6	−6.4	−6.4	−5.3	−5.1	−5.0	−4.6	−4.5	−4.7	−4.6	−4.6	−4.3	−4.1	−6.66
10	−4.1	−4.1	−4.0	−4.1	−4.1	−3.5	−2.8	−2.7	−2.3	−2.1	−2.1	−1.6	−1.3	−1.4	−1.6	−1.7	−2.0	−1.9	−0.9	**−0.6**	**−0.6**	−1.1	−1.7	−2.1	−2.27
11	−2.2	−2.4	−2.9	−3.8	−2.9	−2.9	−3.4	−3.7	−3.8	−3.8	−3.6	−3.4	−3.3	−3.9	−4.6	−3.1	−3.2	−3.6	−3.7	−4.3	−8.6	−8.3	−7.8	−7.7	−4.18
12	−7.9	−6.9	−6.5	−6.1	−6.0	−6.3	−6.6	−6.3	−6.3	−6.4	−6.7	−7.2	−7.9	−8.3	−8.3	−8.6	−8.7	−8.7	−9.0	−9.3	−9.6	−9.8	−10.1	−10.6	−7.84
13	−11.3	−11.7	−12.4	−12.3	−10.9	−10.9	−10.6	−10.4	−10.1	−9.1	−8.9	−8.4	−7.8	−7.3	−7.3	−6.4	−6.6	−7.4	−7.0	−11.3	−10.6	−10.5	−10.4	−10.6	−9.59
14	−10.6	−10.6	−10.7	−10.8	−10.7	−10.6	−10.5	−10.4	−10.4	−10.3	−9.9	−10.1	−10.4	−10.6	−11.1	−11.3	−11.8	−12.6	−13.3	−14.6	−15.8	−15.9	−15.9	−15.8	−11.86
15	−14.8	−14.3	−13.2	−13.0	−12.6	−12.7	−11.8	−11.7	−11.1	−10.8	−10.6	−9.9	−9.7	−9.7	−9.6	−9.6	−9.6	−10.1	−10.1	−10.0	−9.8	−10.4	−10.2	−9.9	−11.05
16	−9.6	−9.7	−9.9	−9.6	−9.7	−11.8	−12.2	−11.7	−11.1	−11.5	−11.8	−11.7	−12.0	−12.4	−13.1	−14.4	−14.7	−15.5	−16.3	−16.9	−17.3	−17.5	−17.9	−18.1	−13.18
17	−18.3	**−18.5**	−18.4	−18.3	−18.2	−18.1	−18.0	−18.0	−17.9	−17.8	−17.3	−16.8	−16.4	−16.3	−16.3	−16.2	−16.9	−17.2	−17.5	−17.7	−17.5	−17.4	−17.1	−16.5	−17.44
18	−15.6	−15.4	−15.1	−15.4	−14.7	−14.3	−14.2	−13.6	−11.9	−11.6	−11.3	−10.8	−10.1	−10.1	−10.3	−10.8	−11.1	−11.0	−11.2	−10.9	−10.8	−10.7	−11.3	−11.2	−12.23
19	−11.2	−11.1	−11.1	−11.0	−10.7	−10.8	−10.9	−10.8	−10.8	−10.6	−10.3	−10.1	−9.9	−9.9	−9.9	−10.0	−10.1	−10.2	−10.8	−10.7	−10.1	−9.9	−9.9	−10.0	−10.45
20	−10.2	−10.3	−10.3	−10.4	−10.6	−10.8	−10.9	−10.6	−9.3	−8.8	−8.7	−8.4	−8.4	−8.7	−8.5	−8.8	−9.1	−9.3	−9.4	−9.7	−9.4	−9.8	−9.7	−9.3	−9.56
21	−9.0	−8.8	−8.7	−8.4	−8.4	−7.2	−7.2	−6.8	−7.0	−7.2	−7.2	−7.4	−7.2	−7.8	−7.4	−7.5	−8.1	−9.4	−9.8	−10.0	−10.2	−10.1	−10.0	−10.2	−8.95
22	−10.6	−10.1	−11.1	−11.0	−11.1	−11.3	−12.2	−11.7	−11.8	−12.1	−12.1	−12.1	−12.0	−12.2	−12.7	−12.2	−12.9	−12.6	−12.7	−12.8	−12.8	−13.0	−12.8	−12.6	−12.02
23	−12.1	−12.3	−12.4	−12.8	−13.3	−13.3	−12.9	−12.1	−11.7	−11.1	−10.5	−9.9	−9.6	−9.7	−9.8	−9.8	−10.0	−10.0	−9.7	−9.4	−8.0	−7.9	−8.3	−8.5	−10.66
24	−8.0	−7.6	−7.3	−7.0	−6.7	−6.7	−6.7	−6.2	−4.8	−4.6	−4.4	−3.6	−3.4	−3.6	−3.7	−3.9	−4.4	−4.8	−5.1	−5.4	−5.4	−6.3	−5.4	−4.7	−5.40
25	−4.2	−4.9	−4.6	−4.9	−5.0	−5.3	−5.3	−4.8	−3.8	−3.4	−3.6	−3.7	−3.8	−3.8	−3.4	−3.5	−4.1	−4.3	−4.6	−4.6	−5.0	−5.0	−5.0	−5.4	−4.42
26	−5.4	−5.7	−6.1	−6.2	−6.8	−7.0	−7.0	−6.7	−6.1	−5.9	−5.6	−5.1	−5.0	−5.4	−5.9	−6.9	−7.4	−8.8	−9.1	−9.2	−9.3	−9.2	−8.9	−8.9	−6.98
27	−8.9	−8.9	−8.5	−8.3	−8.3	−8.1	−7.5	−7.1	−6.8	−6.2	−6.2	−6.3	−6.0	−5.9	−7.6	−7.6	−7.6	−7.6	−7.5	−7.6	−7.8	−8.1	−8.1	−8.0	−7.52
28	−8.0	−8.0	−8.2	−8.3	−8.6	−8.7	−8.8	−8.5	−7.9	−7.9	−7.9	−7.8	−7.5	−7.5	−8.9	−9.7	−9.6	−9.6	−9.7	−9.8	−9.9	−10.0	−10.1	−10.6	−8.81
M.	−8.97	−8.92	−8.90	−8.92	−8.82	−8.83	−8.76	−8.57	−8.21	−8.02	−7.87	−7.68	−7.49	−7.56	−7.76	−7.90	−8.11	−8.34	−8.46	−8.69	−8.83	−8.92	−8.95	−9.02	−8.44

März 1913. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	-10.8	-11.3	-11.4	-11.2	-11.2	-11.6	-11.8	-11.8	-11.6	-11.1	-11.5	-11.8	-11.8	-11.7	-11.6	-11.7	-11.3	-11.3	-11.1	-10.6	-10.6	-10.7	-10.7	-10.6	-11.28
2	-9.7	-9.6	-8.8	-8.7	-8.7	-8.6	-8.5	-8.2	-7.7	-7.4	-7.2	-7.0	-7.1	-7.2	-7.3	-7.9	-9.0	-9.8	-10.2	-10.5	-10.6	-11.2	-11.6	-11.5	-8.92
3	-11.2	-10.9	-10.8	-10.6	-10.6	-10.5	-10.3	-10.0	-9.5	-9.2	-8.7	-8.3	-8.0	-7.9	-7.9	-7.8	-7.7	-7.7	-7.0	-7.1	-6.6	-6.4	-6.3	-6.9	-8.66
4	-6.9	-7.2	-7.7	-8.3	-8.7	-9.0	-7.8	-7.0	-6.4	-6.1	-5.7	-5.6	-5.7	-5.9	-5.9	-5.7	-5.4	-5.2	-4.9	-4.7	-4.6	-4.4	-4.5	-4.7	-6.17
5	-5.5	-5.9	-5.7	-5.8	-5.6	-4.9	-4.4	-4.1	-3.7	-3.5	-3.3	-3.1	-3.0	-3.0	-2.9	-2.9	-3.2	-3.4	-3.7	-3.6	-3.6	-3.5	-3.5	-3.4	-3.97
6	-3.1	-3.2	-3.3	-3.3	-3.0	-3.0	-2.9	-2.0	-1.1	-0.5	-0.2	0.0	0.0	0.0	-0.1	-0.2	-0.5	-1.0	-1.3	-1.4	-2.3	-2.9	-3.3	-3.2	-1.74
7	-3.2	-3.3	-3.7	-4.6	-5.3	-5.4	-4.8	-4.4	-4.3	-4.2	-4.2	-3.8	-3.1	-2.5	-2.4	-2.3	-2.3	-2.9	-3.3	-3.6	-4.1	-4.0	-3.7	-4.0	-3.73
8	-4.2	-4.9	-5.4	-5.3	-5.5	-6.1	-5.7	-5.3	-5.1	-5.3	-5.2	-4.8	-4.9	-5.4	-6.9	-12.5	-12.8	-12.8	-12.8	-12.9	-12.9	-13.0	-13.2	-13.4	-8.18
9	-13.7	-13.9	-14.0	-14.2	-14.5	-14.7	-14.8	-14.1	-13.2	-12.8	-13.3	-13.2	-13.3	-13.3	-13.5	-13.8	-14.1	-14.6	-14.9	-15.0	-15.4	-15.4	-15.2	-14.8	-14.15
10	-13.4	-11.8	-10.0	-9.8	-9.2	-8.7	-8.0	-7.2	-6.9	-6.7	-6.1	-5.4	-3.6	-4.9	-5.3	-6.3	-6.1	-6.3	-6.0	-5.5	-4.9	-5.4	-5.7	-5.7	-7.04
11	-5.8	-5.9	-5.5	-5.3	-5.1	-4.8	-4.2	-3.6	-2.5	-1.6	-1.4	-1.2	-1.0	-0.9	-0.8	-0.7	-0.9	-1.3	-1.7	-1.9	-2.8	-3.6	-3.7	-4.1	-2.93
12	-4.9	-5.8	-6.4	-6.4	-6.2	-5.8	-5.3	-4.8	-4.3	-3.9	-3.7	-3.3	-3.1	-2.8	-2.0	-2.2	-2.4	-2.2	-2.3	-2.4	-1.8	-1.6	-1.5	-1.5	-3.61
13	-1.6	-1.6	-1.7	-2.0	-2.3	-2.4	-2.4	-2.3	-1.9	-2.2	-2.2	-2.1	-1.4	-1.3	-1.2	-1.5	-2.4	-3.4	-3.6	-3.7	-3.9	-4.3	-4.6	-4.8	-2.53
14	-4.9	-5.1	-5.1	-4.9	-4.7	-4.2	-3.9	-3.6	-3.2	-2.9	-2.7	-2.3	-1.8	-1.7	-1.6	-1.4	-1.7	-1.8	-2.1	-2.2	-2.2	-2.3	-2.5	-2.9	-2.99
15	-3.3	-3.9	-4.4	-4.6	-4.4	-4.4	-4.0	-3.6	-3.5	-3.5	-3.4	-3.4	-3.5	-3.7	-3.7	-3.8	-4.5	-5.6	-6.4	-7.1	-7.4	-7.9	-8.3	-8.4	-4.86
16	-8.3	-7.7	-7.6	-7.2	-7.0	-7.0	-7.2	-6.7	-5.2	-4.0	-3.6	-3.2	-3.0	-3.3	-3.7	-4.1	-4.3	-4.7	-4.9	-5.2	-5.5	-6.4	-7.2	-6.7	-5.57
17	-6.3	-6.0	-5.9	-5.6	-5.6	-5.5	-5.4	-4.7	-4.3	-3.8	-3.7	-3.4	-3.0	-3.2	-3.6	-4.1	-4.7	-4.9	-5.0	-5.1	-5.1	-5.2	-5.4	-6.1	-4.82
18	-8.7	-10.4	-11.0	-11.7	-11.8	-11.9	-11.9	-11.7	-11.6	-11.6	-11.6	-11.4	-11.4	-11.6	-11.4	-11.7	-13.0	-13.4	-14.4	-14.7	-14.8	-14.8	-14.7	-14.4	-12.82
19	-14.3	-13.9	-13.7	-13.4	-13.0	-12.7	-12.6	-11.9	-11.3	-8.7	-8.9	-9.4	-9.2	-8.7	-7.9	-6.9	-6.6	-5.9	-5.4	-4.7	-4.5	-4.5	-4.5	-4.5	-9.05
20	-4.4	-4.3	-4.0	-3.8	-3.6	-3.5	-3.5	-2.9	-2.4	-1.9	-1.6	-1.4	-1.2	-1.4	-1.4	-1.4	-1.6	-1.5	-1.6	-2.1	-2.2	-2.2	-2.3	-2.3	-2.44
21	-2.1	-2.1	-2.2	-2.2	-2.3	-2.3	-2.3	-2.1	-1.7	-1.5	-1.5	-1.4	-1.3	-1.6	-1.8	-2.0	-2.2	-2.5	-2.6	-2.8	-2.9	-2.9	-2.8	-2.7	-2.16
22	-2.9	-2.9	-3.0	-3.1	-3.2	-3.2	-2.6	-2.3	-1.9	-1.7	-1.5	-1.1	-0.8	-0.7	-0.7	-0.9	-1.0	-1.3	-1.4	-1.4	-1.0	-1.3	-1.3	-1.3	-1.77
23	-1.5	-1.7	-1.9	-2.1	-2.3	-2.5	-2.6	-2.4	-1.7	-1.2	-1.1	0.1	0.2	-0.4	-0.2	-0.5	-0.9	-1.5	-1.7	-2.7	-3.0	-3.1	-3.4	-3.6	-1.70
24	-3.7	-3.8	-5.3	-7.6	-8.5	-8.5	-8.6	-8.6	-8.4	-8.4	-8.1	-7.5	-6.9	-6.4	-6.2	-6.0	-6.1	-6.4	-6.9	-7.6	-8.1	-8.6	-8.7	-8.7	-7.23
25	-8.8	-8.7	-8.7	-8.7	-8.4	-7.4	-6.5	-6.0	-5.6	-5.4	-5.3	-5.1	-4.8	-4.9	-5.1	-5.2	-5.4	-5.6	-6.0	-6.0	-6.0	-5.7	-5.4	-4.5	-6.22
26	-4.5	-4.3	-4.2	-4.0	-3.7	-3.2	-2.8	-2.2	-1.4	-1.2	-1.2	-1.0	-0.7	-0.4	-0.3	-0.4	-0.5	-0.5	-0.7	-0.9	-1.2	-1.4	-1.9	-2.6	-1.88
27	-4.0	-4.1	-4.1	-4.3	-4.9	-5.0	-4.9	-4.7	-4.3	-4.4	-4.8	-4.8	-5.0	-4.9	-4.7	-4.5	-4.9	-6.2	-6.7	-0.9	-7.1	-7.3	-7.5	-7.7	-5.32
28	-7.8	-7.9	-8.0	-7.9	-7.4	-6.7	-5.8	-5.2	-4.2	-3.5	-3.2	-2.7	-2.3	-2.0	-2.0	-2.3	-2.7	-3.0	-3.1	-2.9	-2.8	-3.0	-2.5	-2.3	-4.22
29	-1.4	-0.7	-0.6	-0.5	-0.3	-0.1	0.2	0.5	0.6	1.2	1.3	1.7	2.2	2.1	2.1	1.8	1.3	1.0	0.7	0.7	1.1	1.3	1.4	1.4	0.79
30	1.6	1.4	1.4	1.2	1.2	1.1	0.6	0.6	0.6	0.9	1.7	2.1	1.6	2.0	1.6	0.8	0.1	-0.1	-0.4	-0.6	-0.8	-0.8	-1.0	-0.9	0.66
31	-0.9	-1.0	-0.7	-0.4	-0.1	0.1	0.4	1.2	1.1	0.5	1.2	1.8	2.0	2.1	1.7	1.2	1.1	0.6	0.1	-0.3	-0.8	-0.8	-1.3	-1.7	0.30
M.	-5.81	-5.88	-5.92	-6.01	-6.00	-5.88	-5.62	-5.20	-4.73	-4.37	-4.22	-3.94	-3.71	-3.70	-3.76	-4.09	-4.38	-4.68	-4.88	-5.01	-5.11	-5.27	-5.38	-5.43	-4.96

April 1913. Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	-2.2	-2.1	-2.2	-2.6	-2.7	-3.4	-3.2	-2.9	-2.8	-2.8	-3.6	-4.1	-4.5	-4.8	-5.3	-6.3	-6.6	-7.0	-7.2	-7.5	-6.8	-6.8	-7.1	-7.3	-4.62
2	-7.9	-7.9	-8.2	-8.9	-9.3	-9.4	-9.9	-9.7	-9.6	-9.5	-9.2	-7.8	-7.4	-7.3	-7.7	-7.9	-8.4	-8.9	-9.3	-9.4	-9.3	-8.9	-8.8	-8.7	-8.76
3	-8.6	-7.8	-7.3	-6.8	-6.4	-5.9	-5.3	-4.4	-3.9	-3.9	-3.8	-3.7	-3.5	-3.4	-3.4	-3.6	-4.0	-4.3	-4.4	-4.7	-4.4	-4.5	-4.7	-4.9	-4.90
4	-5.3	-5.2	-5.3	-5.2	-5.0	-4.9	-4.4	-4.3	-3.6	-3.2	-2.9	-2.5	-2.0	-2.3	-2.4	-2.7	-3.0	-3.3	-4.0	-4.5	-4.6	-4.9	-5.2	-5.2	-4.00
5	-5.0	-4.8	-4.7	-4.5	-4.4	-4.3	-4.0	-3.8	-3.4	-3.3	-3.1	-3.0	-2.4	-2.2	-2.4	-3.6	-3.8	-4.6	-5.4	-6.0	-6.0	-6.1	-6.0	-6.0	-4.28
6	-5.9	-5.7	-5.7	-5.6	-5.7	-5.7	-5.4	-4.9	-4.7	-4.2	-3.7	-2.8	-2.0	-0.9	-0.8	-1.6	-2.9	-3.3	-4.3	-4.8	-4.8	-4.9	-5.0	-5.0	-4.18
7	-5.1	-5.4	-5.5	-5.6	-5.6	-5.7	-5.8	-5.9	-4.8	-4.0	-3.3	-3.2	-2.3	-1.7	-1.4	-1.4	-2.5	-3.1	-4.3	-4.7	-5.2	-5.1	-5.2	-5.3	-4.25
8	-5.7	-5.9	-6.1	-6.3	-6.2	-5.8	-5.4	-5.3	-4.7	-3.6	-2.8	-2.5	-1.2	-2.1	-2.9	-4.5	-5.3	-6.0	-6.4	-6.3	-6.4	-6.7	-6.4	-6.6	-5.05
9	-7.1	-7.3	-7.3	-6.9	-6.8	-6.8	-6.2	-5.9	-5.0	-4.5	-4.6	-4.6	-4.8	-5.3	-5.3	-6.6	-7.7	-8.2	-8.3	-8.9	-9.0	-8.8	-8.5	-8.8	-6.80
10	-8.9	-9.0	-9.3	-9.7	-9.8	-9.9	-9.3	-8.7	-8.6	-8.3	-8.2	-8.3	-8.2	-8.0	-8.4	-9.0	-9.3	-9.4	-9.9	-10.0	-10.1	-9.9	-10.0	-10.0	-9.18
11	-9.9	-9.9	-9.9	-9.8	-9.8	-9.8	-9.8	-9.4	-9.9	-10.4	-9.9	-9.8	-9.8	-10.0	-10.0	-10.5	-10.9	-11.1	-11.3	-11.5	-11.8	-11.2	-10.4	-10.9	-10.32
12	-10.7	-11.0	-9.4	-8.9	-8.6	-8.1	-7.9	-8.1	-8.4	-8.6	-9.3	-9.6	-9.7	-9.8	-9.8	-9.9	-11.1	-14.1	-15.1	-17.0	-18.0	-18.3	-18.3	-18.6	-11.55
13	-18.6	-18.6	-18.4	-18.3	-17.9	-17.5	-16.7	-16.0	-15.2	-14.5	-14.5	-14.9	-15.4	-15.7	-16.8	-19.3	-19.7	-19.6	-19.8	-19.9	-19.8	-19.8	-19.7	-19.3	-17.75
14	-18.8	-18.5	-18.4	-18.3	-18.3	-18.2	-17.6	-16.6	-16.3	-15.6	-16.3	-16.3	-15.9	-14.0	-14.5	-14.6	-16.1	-16.6	-17.1	-17.2	-17.3	-17.3	-17.1	-17.0	-16.88
15	-16.8	-16.7	-16.7	-16.6	-16.3	-16.1	-15.7	-15.4	-15.4	-15.4	-14.3	-13.3	-12.6	-12.3	-11.7	-11.5	-12.0	-12.3	-13.3	-13.7	-14.1	-13.9	-13.8	-13.9	-14.32
16	-13.9	-13.6	-13.6	-13.3	-12.5	-11.6	-10.2	-9.7	-8.3	-7.6	-7.6	-7.2	-7.1	-7.1	-6.7	-6.5	-6.3	-6.3	-6.4	-6.6	-6.7	-6.9	-7.1	-7.0	-8.74
17	-6.0	-5.9	-5.1	-5.0	-4.6	-4.4	-3.9	-3.7	-3.2	-2.5	-2.9	-3.1	-2.9	-2.8	-2.8	-2.9	-3.0	-3.8	-4.7	-6.0	-6.7	-6.7	-6.7	-6.7	-4.42
18	-6.7	-6.8	-7.1	-7.5	-7.8	-8.1	-8.4	-8.5	-8.7	-8.7	-8.8	-7.5	-6.7	-6.4	-6.4	-6.4	-6.6	-6.6	-6.8	-7.0	-7.0	-6.9	-6.8	-6.7	-7.27
19	-6.7	-6.6	-6.7	-6.5	-6.5	-6.5	-6.2	-5.7	-4.9	-4.1	-3.5	-2.7	-2.5	-2.3	-2.1	-2.0	-2.0	-2.4	-2.7	-2.6	-2.7	-3.1	-3.4	-3.7	-4.09
20	-3.7	-3.8	-3.6	-3.3	-2.8	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	-2.5	-2.6	-2.6	-2.7	-2.9	-3.0	-3.6	-4.1	-4.3	-4.6	-4.8	-4.9	-5.0	-3.32
21	-4.9	-4.7	-4.6	-4.4	-4.2	-4.1	-3.7	-3.3	-2.7	-1.8	-1.3	-1.2	-0.6	-0.9	-0.6	-0.7	-1.0	-1.3	-1.4	-1.6	-1.3	-1.3	-1.3	-1.3	-2.26
22	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-0.8	0.0	0.3	1.0	1.6	1.6	1.5	1.2	0.7	0.3	-0.1	-0.2	-0.2	-0.1	-0.3	-0.5	-0.7	-0.14
23	-0.9	-1.1	-1.4	-1.4	-1.1	-0.1	0.2	0.6	0.9	1.2	1.4	1.5	1.6	1.7	1.2	1.3	1.1	0.6	0.3	0.1	0.0	-0.1	-0.4	-0.6	0.28
24	-0.7	-0.7	-0.7	-0.7	-0.8	-0.4	0.6	1.0	1.5	1.7	1.8	2.3	2.8	2.4	1.7	0.8	0.6	0.1	-0.4	-0.8	-0.9	-1.0	-1.3	-1.8	0.30
25	-2.0	-1.9	-1.6	-1.4	-1.5	-1.2	-0.6	-0.6	-0.1	0.6	1.1	1.6	2.0	1.9	1.6	1.4	0.7	0.5	0.4	0.3	0.0	0.0	0.0	-0.1	0.05
26	0.0	-0.1	-0.4	-0.5	-0.6	-0.7	-0.6	0.0	0.6	1.1	1.3	1.9	2.2	2.3	2.6	2.7	2.7	2.3	1.8	1.4	1.2	0.8	0.5	0.2	0.95
27	0.0	-0.1	0.0	0.2	0.7	0.9	1.8	2.3	2.7	2.1	2.6	3.1	3.7	3.7	3.3	3.0	2.6	2.1	1.8	1.4	0.8	0.4	0.2	0.1	1.64
28	0.1	0.0	-0.1	0.0	-0.1	0.6	1.5	1.9	1.9	2.4	2.6	3.2	3.1	3.3	3.3	3.5	3.4	2.8	2.3	2.1	1.8	1.7	1.4	1.3	1.83
29	1.1	1.0	0.8	0.7	0.6	1.3	1.9	2.0	2.1	2.2	2.4	3.0	3.8	4.0	4.3	4.8	4.7	4.4	3.7	3.1	2.6	2.3	1.9	1.6	2.51
30	1.3	0.9	1.0	1.3	1.4	2.7	3.4	3.8	3.8	3.2	3.4	4.2	4.6	4.8	5.0	5.1	5.0	4.7	3.7	2.8	2.5	2.3	1.9	1.7	3.10
M.	-6.03	-5.98	-5.96	-5.90	-5.79	-5.56	-5.15	-4.82	-4.44	-4.14	-3.93	-3.61	-3.29	-3.21	-3.33	-3.70	-4.14	-4.61	-5.09	-5.47	-5.62	-5.69	-5.76	-5.87	-4.88

Mai 1913. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. **Säntis.**

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	1.4	1.0	1.1	0.9	0.8	1.3	1.6	1.8	1.8	2.7	2.7	2.8	3.1	3.0	2.9	2.5	2.1	0.4	−3.9	−4.9	−5.1	−5.7	−6.4	−6.7	0.05
2	−6.8	−7.1	−7.2	−6.8	−6.7	−6.6	−6.4	−5.9	−5.6	−4.6	−4.4	−4.2	−3.7	−3.9	−4.0	−4.1	−4.3	−5.1	−5.2	−5.7	−5.8	−6.3	−6.0	−6.0	−5.52
3	−6.5	−6.3	−6.0	−5.9	−5.6	−5.2	−4.2	−3.7	−2.4	−1.0	−1.4	−2.1	−1.5	−1.7	−2.3	−2.1	−2.5	−3.0	−3.4	−3.7	−3.9	−3.9	−3.8	−4.3	−3.60
4	−4.5	−4.7	−4.9	−5.2	−5.3	−5.4	−4.8	−4.3	−3.2	−2.0	−1.9	−1.4	−0.5	−1.0	−2.0	−4.0	−5.3	−6.3	−6.9	−8.0	−8.4	−8.6	−9.5	−9.3	−4.89
5	−9.0	−9.0	−8.9	−8.7	−8.7	−8.6	−8.6	−9.0	−9.1	−9.0	−8.7	−8.3	−7.4	−7.5	−7.3	−7.7	−7.7	−7.8	−7.7	−8.3	−8.4	−8.4	−8.4	−8.3	−8.35
6	−8.1	−8.2	−8.0	−7.7	−7.7	−7.6	−7.3	−6.6	−6.0	−5.3	−4.8	−4.8	−4.4	−4.3	−4.6	−5.4	−5.6	−6.1	−6.5	−6.4	−6.3	−6.3	−6.1	−6.0	−6.25
7	−5.8	−5.6	−5.4	−5.4	−5.5	−5.4	−5.2	−4.8	−4.8	−5.2	−5.2	−5.2	−5.2	−5.0	−4.6	−4.6	−5.1	−5.4	−5.9	−6.4	−6.6	−6.7	−7.1	−7.6	−5.57
8	−8.6	−8.4	−7.4	−6.3	−5.4	−3.8	−2.9	−2.6	−1.5	−0.8	−0.6	0.0	0.6	0.7	0.8	1.0	1.0	1.0	0.7	0.3	0.1	0.1	0.0	−0.3	−1.76
9	−0.5	−0.4	−0.3	0.1	0.4	0.6	0.8	1.3	1.6	1.9	2.6	3.1	3.3	3.5	4.0	4.2	4.4	3.3	2.7	2.0	1.6	1.2	0.9	0.6	1.79
10	0.5	0.4	0.2	0.2	0.2	1.1	1.9	2.1	2.3	2.4	2.4	3.3	4.6	4.9	5.0	4.8	4.5	4.2	3.4	−0.1	−1.4	−2.8	−3.4	−3.7	1.54
11	−3.9	−4.2	−4.7	−5.2	−5.6	−5.8	−6.1	−6.1	−6.0	−6.0	−6.0	−5.8	−5.8	−5.8	−6.3	−6.6	−6.6	−6.3	−6.2	−6.3	−6.3	−6.2	−6.1	−6.0	−5.83
12	−5.8	−5.7	−5.9	−5.7	−5.4	−4.9	−4.5	−4.1	−3.3	−2.4	−2.3	−2.0	−1.7	−1.3	−1.3	−0.9	−1.0	−1.3	−1.7	−2.4	−3.4	−3.6	−3.8	−4.0	−3.27
13	−3.9	−3.6	−2.9	−2.0	−0.8	−0.4	1.1	0.9	0.4	0.1	0.4	0.8	1.9	1.6	1.6	1.6	0.7	0.4	0.2	0.1	0.2	−0.1	−0.3	−0.5	−0.07
14	−0.9	−1.3	−1.2	−1.4	−1.1	−0.4	1.1	1.2	1.2	1.9	2.2	2.8	3.0	2.9	2.7	2.6	2.4	1.4	1.1	0.9	0.4	0.8	0.7	0.6	0.98
15	0.7	0.6	0.7	0.7	1.4	1.7	1.9	2.6	3.1	4.4	3.7	3.6	3.6	3.7	3.7	3.6	3.5	3.3	2.8	2.6	2.5	2.5	2.4	2.5	2.58
16	2.6	2.7	2.8	2.8	2.7	3.4	3.7	4.1	4.4	4.7	4.7	5.1	5.4	5.0	4.4	5.1	5.1	4.3	3.3	2.9	2.6	2.4	2.3	2.1	3.65
17	1.8	0.4	0.0	−0.1	−0.5	−0.5	−0.4	−0.2	0.8	1.6	1.6	2.6	3.3	2.8	2.7	2.6	0.9	−0.4	−0.8	−0.8	−0.6	−0.7	−0.9	−1.3	0.62
18	−1.5	−1.5	−1.4	−1.4	−1.3	−0.9	−0.8	−0.1	−0.3	−0.2	0.3	0.6	1.0	0.3	−0.7	−2.1	−2.3	−2.3	−2.3	−2.3	−2.3	−2.3	−2.3	−2.4	−1.20
19	−2.7	−2.8	−2.9	−3.0	−3.1	−3.0	−2.9	−3.2	−3.7	−4.1	−4.1	−4.6	−5.1	−5.0	−6.1	−7.0	−7.1	−7.7	−7.8	−7.3	−7.6	−7.3	−7.4	−7.9	−5.14
20	−8.1	−8.3	−8.4	−8.3	−8.1	−7.9	−7.4	−7.1	−6.8	−6.2	−6.3	−6.5	−6.5	−6.3	−5.9	−5.3	−5.7	−6.3	−6.3	−6.7	−7.3	−7.7	−7.9	−8.0	−7.05
21	−8.1	−8.0	−8.0	−8.1	−7.9	−7.0	−4.8	−4.4	−3.7	−3.6	−2.9	−1.7	−0.8	−0.6	−0.4	−0.1	0.1	0.1	−0.1	−0.6	−0.8	−0.8	−0.9	−1.0	−3.09
22	−1.1	−1.3	−1.4	−1.6	−2.0	−1.8	−1.5	−1.3	−1.2	−0.4	−0.2	0.1	0.0	−0.6	−0.6	−1.1	−1.1	−1.5	−1.7	−2.5	−2.9	−3.3	−3.6	−3.6	−1.51
23	−3.7	−3.7	−3.9	−4.1	−4.3	−4.6	−4.4	−4.3	−3.8	−3.5	−3.3	−2.8	−2.3	−2.5	−2.9	−2.8	−2.8	−2.5	−2.3	−2.1	−1.9	−1.9	−1.8	−1.6	−3.07
24	−1.1	−1.0	−1.0	−1.0	−0.9	−0.8	−0.7	−0.7	−0.6	−0.6	−0.5	−0.3	−0.1	−0.1	−0.1	−0.1	−0.1	−0.5	−0.7	−0.7	−0.8	−1.0	−1.2	−1.4	−0.67
25	−1.4	−1.7	−2.0	−2.0	−1.8	−1.2	−0.2	0.0	0.3	1.3	1.4	1.6	2.4	2.7	2.7	2.7	2.7	2.6	2.4	2.3	1.9	2.2	1.7	1.5	0.92
26	1.5	2.1	2.0	1.5	2.3	3.0	3.4	3.4	3.6	4.1	4.3	5.0	6.1	6.4	6.4	6.3	6.3	5.9	5.3	4.8	4.6	4.5	4.2	4.1	4.23
27	4.0	4.0	3.9	3.9	4.0	4.1	3.9	4.3	4.6	5.1	5.3	5.9	6.2	6.3	6.6	6.6	6.5	6.0	5.3	5.1	4.6	4.8	4.3	3.6	4.95
28	2.6	2.4	2.4	2.3	2.2	1.9	1.7	1.4	1.6	2.5	2.4	2.4	3.9	4.7	4.7	3.3	2.4	2.9	3.1	3.0	3.2	3.2	3.0	2.4	2.73
29	1.7	1.6	1.9	2.1	2.4	2.7	3.7	4.0	4.7	5.4	5.4	6.0	6.3	7.3	8.1	8.8	8.8	8.9	8.0	6.8	6.1	5.2	5.0	5.0	5.25
30	5.1	5.0	5.0	5.2	5.7	6.4	7.5	7.7	7.9	8.1	8.3	9.1	9.6	9.4	9.3	7.7	7.4	6.4	4.5	4.9	5.9	5.8	5.6	5.5	6.79
31	5.4	5.3	5.4	5.7	5.9	5.9	6.6	7.1	8.0	7.8	7.9	8.4	8.9	9.2	9.4	9.9	9.7	8.7	7.4	7.0	6.1	5.0	4.7	4.7	7.09
M.	−2.09	−2.17	−2.16	−2.10	−1.93	−1.58	−1.10	−0.86	−0.51	−0.03	0.10	0.43	0.91	0.93	0.84	0.63	0.37	−0.09	−0.60	−1.03	−1.29	−1.48	−1.68	−1.85	−0.76

Juni 1913. **Säntis.**

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	4.7	4.6	4.6	5.0	5.3	5.5	5.9	6.4	6.9	7.8	8.0	7.7	7.9	7.7	7.6	7.5	7.4	7.3	7.3	6.9	6.1	5.0	4.9	4.7	6.36
2	4.7	4.7	4.8	5.1	5.5	6.2	6.9	7.4	8.1	8.4	8.6	9.1	9.7	10.0	10.4	10.5	10.4	9.5	9.1	8.6	7.8	7.3	6.9	6.6	7.76
3	6.4	6.0	5.7	5.6	5.7	5.4	6.4	7.1	7.8	8.6	9.3	9.4	9.6	10.0	10.4	10.2	10.2	9.7	8.7	7.4	6.7	6.6	6.3	5.8	7.71
4	5.8	5.9	5.7	5.4	5.4	6.0	7.3	7.4	8.5	8.7	8.8	9.1	9.7	10.0	10.1	5.6	4.5	4.7	4.6	4.0	3.2	3.3	3.3	3.0	6.25
5	1.7	2.0	1.8	2.0	2.4	3.3	4.5	5.5	6.0	6.2	6.4	7.1	7.9	7.7	7.6	7.0	4.6	3.9	3.7	2.7	2.3	2.0	1.9	1.7	4.25
6	0.9	0.8	0.7	0.7	0.7	0.8	0.9	1.0	1.7	2.0	1.8	0.8	−1.9	−1.8	−1.6	−1.5	−1.2	−1.3	−1.5	−1.9	−2.7	−2.9	−3.3	−3.4	−0.51
7	−4.3	−4.6	−4.6	−4.4	−4.1	−3.7	−3.5	−3.0	−2.5	−1.4	−0.7	−0.4	−0.3	−0.2	−0.1	−0.1	−0.1	−0.3	−0.6	−1.5	−2.3	−2.3	−2.3	−2.3	−2.07
8	−1.9	−0.6	−1.0	−1.1	−0.1	0.8	2.6	3.0	3.9	4.4	4.6	5.0	5.6	5.9	6.0	5.9	5.4	5.2	4.9	4.4	3.8	3.5	3.2	3.0	3.18
9	2.9	2.7	2.4	2.4	2.4	2.4	2.5	2.6	3.0	3.5	3.5	3.7	3.7	2.9	2.6	2.4	1.8	1.7	1.6	1.4	1.4	1.3	1.3	1.3	2.39
10	1.3	1.0	0.9	1.0	1.0	1.1	1.3	1.6	1.7	2.4	3.2	5.0	5.9	6.4	6.7	7.0	6.9	6.7	6.1	4.9	3.8	3.4	3.0	2.4	3.53
11	1.7	1.5	0.8	0.3	0.0	0.2	1.8	0.6	0.2	−0.1	0.3	1.0	1.6	2.4	2.9	3.3	3.1	2.7	2.4	1.7	1.7	1.4	1.4	1.3	1.39
12	1.3	1.3	0.4	0.4	0.7	1.0	1.4	0.4	0.5	1.7	1.9	2.1	2.2	2.2	2.0	1.9	1.7	1.6	1.3	0.9	0.8	0.4	0.1	0.2	1.18
13	0.3	0.4	0.4	0.5	0.5	0.7	1.0	1.5	1.6	1.9	2.0	2.6	2.5	2.6	2.5	2.1	1.9	1.0	0.5	0.5	0.6	0.7	0.7	0.6	1.23
14	0.4	0.1	−0.3	−0.6	−0.7	−0.2	0.4	0.9	1.6	1.9	2.3	3.1	3.8	4.3	4.6	4.6	4.6	4.7	4.7	4.0	3.1	2.4	2.4	2.4	2.27
15	2.4	2.4	2.7	2.9	3.4	4.3	5.1	5.4	5.7	6.1	6.4	7.3	7.8	7.9	8.1	8.4	8.6	8.5	7.7	6.7	6.3	5.9	4.8	4.7	5.81
16	4.4	4.4	4.4	4.8	5.2	5.7	6.1	6.1	6.4	7.3	7.3	8.2	8.2	8.2	8.1	7.6	7.7	7.8	7.8	7.1	6.5	6.3	5.7	5.2	6.52
17	4.8	4.8	4.9	4.9	5.2	5.7	6.6	7.0	7.4	8.1	8.3	8.0	8.2	8.0	8.3	9.4	7.9	7.6	7.1	6.8	6.4	5.8	5.4	5.0	6.73
18	5.0	4.8	4.5	4.6	5.1	6.1	7.5	7.8	8.0	8.3	8.4	9.3	10.4	10.4	10.3	10.2	9.4	8.7	7.8	6.3	5.4	5.0	5.0	4.8	7.21
19	4.3	4.3	4.2	4.3	4.6	4.9	5.2	5.7	5.4	4.6	4.7	5.3	6.6	6.7	5.7	4.9	4.6	4.5	3.4	3.5	2.9	2.7	2.7	2.8	4.52
20	2.9	3.0	3.0	3.1	3.3	3.7	4.1	4.7	5.7	6.0	5.1	4.4	3.9	4.0	3.9	3.8	3.7	3.4	3.1	2.7	2.4	2.1	0.4	−0.9	3.40
21	−1.8	−2.3	−2.4	−2.6	−2.7	−2.7	−2.5	−2.6	−2.3	−2.1	−1.8	−1.6	−1.5	−1.6	−1.7	−1.7	−1.7	−1.7	−2.0	−2.3	−2.4	−2.4	−2.3	−2.3	−2.13
22	−2.6	−2.6	−2.6	−2.6	−2.5	−2.6	−2.6	−2.3	−2.0	−1.8	−1.4	−1.4	−1.4	−1.4	−1.6	−1.7	−1.7	−1.7	−2.0	−2.3	−2.1	−2.2	−2.3	−2.3	−2.07
23	−2.2	−2.1	−2.3	−2.4	−2.4	−1.9	−1.7	−1.3	−0.8	0.0	0.4	1.8	2.1	2.7	3.0	2.9	2.9	2.7	1.9	1.5	1.5	1.4	1.4	1.1	0.43
24	1.3	1.5	1.3	1.1	1.1	1.4	2.2	2.2	1.6	2.3	2.9	3.6	3.8	3.0	2.4	2.6	2.7	2.5	2.1	2.0	1.2	1.1	0.9	0.9	1.99
25	0.7	0.6	0.3	0.7	0.1	0.0	−0.5	−0.6	−0.4	0.0	0.0	−0.7	−0.6	−1.0	−1.6	−1.7	−2.1	−2.6	−2.8	−3.1	−3.2	−3.4	−3.6	−3.8	−1.22
26	−4.0	−4.2	−4.3	−4.2	−4.2	−3.8	−3.3	−3.2	−3.1	−2.7	−2.6	−2.4	−2.2	−1.9	−2.0	−1.9	−1.9	−2.0	−2.0	−2.0	−2.1	−2.3	−2.6	−2.7	−2.82
27	−2.8	−2.8	−2.7	−2.6	−2.2	−1.7	−1.4	−1.3	−1.3	−1.2	−1.6	−1.6	−1.7	−1.8	−1.3	−1.1	−1.1	−1.4	−1.4	−1.4	−1.4	−1.7	−1.8	−2.1	−1.73
28	−2.6	−2.9	−3.1	−3.6	−3.7	−3.9	−4.0	−3.8	−3.4	−3.2	−3.1	−2.5	−2.1	−2.3	−2.4	−2.4	−2.7	−2.9	−3.1	−3.6	−3.9	−3.8	−4.3	−4.0	−3.22
29	−3.7	−3.7	−3.2	−3.1	−2.9	−2.6	−2.3	−1.2	−0.6	−0.3	−0.2	−0.1	0.0	0.0	0.1	0.4	0.7	0.7	0.7	0.7	0.8	0.9	0.5	0.1	−0.76
30	−0.8	−1.4	−1.8	−2.0	−2.3	−2.4	−2.3	−2.3	−2.0	−1.8	−1.7	−1.5	−1.4	−1.3	−0.9	−0.5	−0.5	−0.7	−1.2	−1.8	−2.3	−2.7	−3.0	−3.1	−1.74
M.	1.04	0.99	0.84	0.85	0.99	1.32	1.83	2.09	2.44	2.85	3.04	3.38	3.60	3.66	3.67	3.52	3.26	3.02	2.66	2.16	1.74	1.49	1.22	1.02	2.20

Juli 1913. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	−3.2	−3.2	−3.1	−3.2	−3.1	−2.3	−1.8	−1.0	−1.0	−1.1	−0.2	−0.2	−0.3	−0.4	−0.6	−0.5	−0.7	−0.4	−0.6	−0.9	−1.3	−1.3	−1.4	−1.6	−1.39
2	−1.7	−1.6	−1.6	−1.7	−1.7	−1.4	−0.8	−0.4	−0.3	−0.4	−0.3	0.1	0.7	0.8	1.0	0.7	0.3	−0.1	−0.3	−0.5	−0.4	−0.3	−0.2	−0.1	−0.43
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.4	1.7	2.1	3.1	2.5	2.4	2.0	1.3	0.7	0.3	0.0	−0.2	−0.4	−0.5	−0.5	0.71
4	−0.6	−0.8	−1.0	−1.1	−1.6	−1.4	−1.4	−0.8	−0.4	0.2	0.2	0.3	0.6	0.8	0.7	0.4	0.4	0.1	−0.4	−0.7	−0.4	−0.7	−0.7	−0.7	−0.37
5	−0.8	−0.7	−0.6	−0.6	−0.5	−0.4	−0.3	0.0	0.3	0.6	0.9	1.6	2.2	2.3	2.4	2.0	1.8	1.8	1.9	2.0	2.0	1.8	0.7	0.9	0.89
6	1.4	1.7	1.6	1.3	1.0	1.3	1.5	1.5	1.4	1.8	1.8	1.6	1.5	1.9	2.2	1.5	1.0	0.4	0.3	0.8	1.0	1.1	1.1	1.2	1.35
7	1.1	1.0	0.9	0.3	−0.1	−0.1	0.0	−0.3	−0.5	−0.6	−0.7	−0.5	−0.1	0.0	0.2	0.5	0.4	0.3	0.0	−0.6	−1.0	−1.3	−1.5	−1.5	−0.17
8	−1.5	−1.4	−1.3	−1.0	−1.0	−1.2	−0.8	−0.6	−0.4	−0.5	−0.9	−1.2	−1.4	−1.4	−1.4	−1.6	−1.7	−2.1	−2.6	−2.9	−3.1	−3.2	−3.2	−3.3	−1.65
9	−3.5	−3.7	−3.9	−4.0	−4.1	−4.1	−4.1	−4.1	−4.4	−4.5	−4.4	−4.3	−4.2	−4.0	−3.7	−3.0	−3.2	−3.3	−3.6	−4.0	−4.5	−4.5	−4.6	−4.7	−4.02
10	−4.7	−4.7	−4.6	−4.3	−3.9	−3.0	−1.8	−0.9	−0.1	0.0	0.0	0.0	0.2	0.1	0.3	0.4	0.3	0.1	−0.1	−1.9	−2.3	−2.7	−2.6	−2.6	−1.62
11	−2.7	−2.8	−3.0	−3.0	−3.0	−2.5	−2.1	−1.9	−1.1	−0.6	−0.8	−1.0	0.2	−0.3	−0.9	−1.2	−0.6	−0.8	−1.0	−1.3	−1.4	−1.6	−1.8	−2.0	−1.55
12	−2.0	−1.8	−1.7	−1.4	−1.0	−0.8	−0.5	−0.3	−0.1	−0.1	0.1	0.4	0.6	0.4	0.4	0.8	0.7	0.7	0.8	0.3	0.0	0.0	0.0	0.1	−0.18
13	0.0	−0.1	−0.3	−0.2	0.1	1.0	1.9	2.1	2.5	2.9	3.6	4.1	5.1	5.3	5.4	5.6	5.5	5.4	5.3	5.0	4.8	4.7	4.3	4.0	3.25
14	4.0	4.0	3.7	4.0	4.3	4.7	5.2	5.7	6.1	7.0	7.6	8.0	8.4	9.0	9.3	9.6	9.6	10.0	9.9	9.0	8.0	7.8	6.9	7.0	7.03
15	7.0	6.9	6.0	5.5	5.4	4.8	3.0	3.2	3.3	3.4	3.7	3.7	3.4	3.5	3.3	3.4	3.4	3.4	3.2	2.9	2.5	2.3	0.3	0.0	3.65
16	−0.1	−0.3	−0.7	−1.1	−1.8	−2.2	−2.2	−2.1	−2.0	−1.8	−2.5	−2.4	−1.4	−1.5	−1.0	−0.8	−0.5	−0.8	−0.9	−0.9	−1.0	−0.9	−0.7	−0.6	−1.26
17	−0.8	−0.8	−1.2	−1.0	−0.9	−0.8	−0.6	−0.7	−0.7	−0.2	−0.2	−0.1	0.0	0.0	0.0	0.3	0.3	0.5	0.6	0.7	0.6	0.7	0.7	0.7	−0.12
18	0.4	0.6	0.5	0.3	0.1	0.8	0.9	1.1	1.9	1.6	1.6	1.9	2.2	2.3	2.7	2.7	2.7	2.7	2.7	2.3	2.4	2.4	2.3	2.1	1.72
19	2.0	1.9	2.2	2.2	2.2	2.0	2.0	2.6	2.9	3.1	3.1	3.0	3.1	3.0	3.2	3.3	3.3	3.1	2.7	2.3	2.2	1.8	1.6	1.7	2.52
20	1.9	2.0	2.1	2.2	2.2	2.3	2.5	2.6	2.7	2.5	2.5	2.5	1.4	1.9	1.9	1.9	1.0	−0.9	−1.1	−1.2	−1.8	−2.1	−2.8	−2.5	0.99
21	−1.9	−2.1	−1.9	−1.8	−1.7	−1.7	−1.7	−1.3	−1.0	−0.8	−0.6	−0.3	0.3	0.4	0.9	1.4	1.4	1.3	1.3	1.2	0.1	0.3	0.2	0.1	−0.33
22	0.1	0.1	0.0	0.0	−0.1	−0.1	−0.2	−0.2	0.2	1.3	1.4	1.5	1.8	2.0	1.8	1.3	1.5	2.1	2.3	2.0	0.9	1.1	0.1	−0.1	0.87
23	−0.2	−0.2	−0.3	−0.6	−0.8	−0.8	−0.8	−0.8	−0.7	−0.6	−0.6	−0.6	−0.6	−1.3	−1.4	−1.5	−1.5	−1.6	−1.9	−2.1	−2.2	−2.2	−1.9	−1.8	−1.13
24	−1.8	−1.7	−1.8	−2.0	−2.0	−1.9	−1.6	−1.4	−1.3	−1.2	−1.1	−1.0	−1.0	−0.8	−0.9	−0.9	−0.9	−1.0	−1.6	−1.3	−1.2	−1.1	−1.0	−0.9	−1.31
25	−0.9	−0.8	−0.7	−0.7	−0.6	−0.3	−0.3	−0.3	−0.3	−0.2	−0.1	1.0	1.6	1.6	1.8	1.9	1.9	2.1	2.2	2.0	1.8	1.3	1.0	1.1	0.67
26	1.1	1.0	1.2	1.8	2.1	2.3	2.5	2.8	3.2	3.6	3.6	4.7	5.6	5.9	5.4	5.5	5.2	5.2	5.0	4.0	3.6	3.3	3.2	3.3	3.55
27	3.2	3.2	3.2	3.4	3.5	4.0	4.2	4.9	5.3	5.7	5.9	6.7	7.1	7.2	6.7	6.0	4.3	4.2	3.9	4.4	3.8	3.4	3.2	3.3	4.61
28	3.2	3.4	3.8	4.0	4.0	4.4	4.7	4.3	5.0	4.8	5.0	5.6	7.3	7.3	7.2	6.9	6.2	5.7	5.1	4.7	4.2	3.8	3.4	3.3	4.89
29	3.2	3.2	3.3	3.7	3.9	4.2	4.8	5.2	6.0	6.3	6.3	7.1	7.5	7.7	7.8	7.7	7.5	7.1	6.7	5.9	5.3	5.1	4.7	4.4	5.61
30	4.1	4.0	4.0	4.1	4.2	4.9	5.4	6.0	6.4	7.9	8.0	8.1	8.8	9.3	10.1	10.8	10.7	10.3	9.6	8.1	6.1	4.9	4.5	5.0	6.89
31	5.0	5.0	5.0	5.2	5.8	6.0	5.5	5.2	5.3	6.9	7.0	6.9	7.7	6.5	6.6	6.1	4.8	4.2	3.9	3.4	3.3	3.2	3.2	3.1	5.20
M.	0.86	0.86	0.82	0.83	0.85	0.57	0.75	0.98	1.26	1.56	1.66	1.91	2.30	2.32	2.38	2.36	2.14	1.95	1.76	1.38	1.03	0.86	0.60	0.59	1.25

August 1913. Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	3.0	2.7	2.4	2.8	2.8	3.3	3.5	4.0	4.6	4.6	4.4	4.4	4.9	5.0	4.7	4.1	3.2	2.9	3.3	3.3	3.2	3.5	3.3	3.1	3.63
2	3.1	3.7	4.0	4.2	4.3	5.0	5.0	5.1	5.5	5.1	5.3	5.3	6.0	6.1	5.8	5.2	5.7	4.3	4.1	3.5	3.1	2.8	2.7	2.8	4.49
3	2.8	2.8	2.9	2.6	3.0	3.3	4.8	5.3	6.1	6.4	6.6	7.1	7.8	7.4	7.8	6.8	6.7	6.8	6.4	5.8	5.6	5.6	5.5	5.4	5.47
4	5.2	5.0	4.8	5.3	5.1	5.6	5.9	6.5	6.9	7.8	7.8	8.7	9.2	9.5	9.3	8.6	8.3	7.9	6.9	6.0	5.6	5.2	5.0	5.0	6.71
5	4.8	4.4	4.3	4.2	4.3	4.5	4.7	4.9	5.7	6.6	6.7	7.1	8.0	8.2	7.2	6.7	6.4	6.0	5.4	5.1	4.9	4.8	4.8	4.7	5.60
6	4.7	4.7	4.1	4.0	4.2	4.0	3.6	3.6	3.9	4.3	4.7	5.3	4.6	2.9	2.0	2.3	2.2	1.7	1.3	1.0	1.0	1.0	0.9	0.7	3.03
7	0.2	−0.3	−0.5	−0.5	−0.6	−0.5	−0.5	−0.7	−0.6	−0.6	−0.6	−0.5	−0.4	−0.2	−0.2	−0.1	−0.1	−0.1	−0.6	−1.6	−1.6	−1.5	−1.7	−1.9	−0.65
8	−2.0	−2.0	−2.2	−2.0	−1.9	−1.5	−1.0	−0.7	−0.3	−0.2	−0.2	0.6	0.7	1.4	1.3	1.2	0.9	0.5	0.2	−0.1	−0.3	−0.5	−0.5	−0.5	−0.33
9	−0.7	−1.1	−1.7	−2.1	−2.1	−1.7	−1.4	−1.3	−1.3	−0.8	−0.6	−0.3	0.1	−0.1	−0.7	−1.7	−1.4	−1.1	−1.3	−1.3	−1.3	−1.2	−1.3	−1.7	−1.17
10	−1.9	−2.0	−2.0	−2.1	−2.1	−2.2	−2.2	−2.1	−2.0	−1.8	−1.7	−1.4	−1.0	−0.7	−0.5	−0.4	−0.5	−0.6	−0.9	−0.8	−0.9	−1.0	−1.0	−1.0	−1.37
11	−1.0	−0.9	−1.0	−1.0	−0.9	−0.8	−0.7	−0.8	−0.6	−0.4	0.1	0.4	1.1	2.3	3.0	3.5	3.9	3.8	3.3	2.9	2.8	2.7	2.7	2.7	1.13
12	2.7	2.2	2.3	2.4	2.7	2.9	3.0	3.3	3.4	2.9	3.0	4.0	4.1	3.8	3.5	2.9	2.5	2.6	2.7	2.8	2.8	2.5	2.6	2.7	2.93
13	2.6	2.4	2.4	2.4	2.3	1.8	1.7	1.6	1.8	1.4	1.1	0.9	1.5	1.0	0.0	0.2	−0.6	−0.7	−0.7	−0.8	−0.8	−0.9	−1.0	−1.5	0.75
14	−2.3	−2.4	−2.7	−2.7	−2.1	−2.0	−1.8	−1.6	−1.1	−0.9	−0.7	−0.6	−0.6	−0.4	−0.4	−0.4	−0.4	−0.3	−0.3	−0.2	−0.2	−0.3	−0.4	−0.7	−1.06
15	−1.0	−1.2	−1.2	−1.1	−1.0	−1.0	−0.9	−0.9	−1.0	−1.0	−1.1	−1.3	−1.2	−1.2	−1.3	−1.2	−1.7	−1.3	−1.9	−1.9	−1.9	−2.0	−2.1	−2.9	−1.41
16	−3.3	−3.2	−2.7	−2.8	−2.9	−2.8	−2.8	−2.4	−1.9	−1.5	−1.4	−1.2	−1.0	−0.8	−0.4	−0.1	−0.1	−0.2	−0.4	−0.8	−1.1	−1.2	−1.2	−1.3	−1.56
17	−1.3	−1.1	−1.3	−1.6	−1.5	−1.2	−0.8	−0.6	−0.4	−0.2	0.1	0.4	1.6	1.7	2.1	2.5	2.6	2.7	2.7	2.5	2.4	2.4	2.4	2.4	0.77
18	2.6	2.3	2.0	2.0	2.5	3.1	3.9	4.5	4.7	6.4	6.6	6.9	6.8	7.4	7.7	7.9	7.6	7.2	6.6	6.0	5.7	5.2	5.0	5.1	5.24
19	5.0	4.8	4.9	5.1	5.2	5.0	5.6	6.4	6.8	8.1	8.2	9.0	9.3	9.4	8.3	7.2	6.2	5.3	5.0	5.0	5.1	5.0	5.0	4.9	6.24
20	4.8	4.7	4.7	4.7	4.5	4.0	3.4	3.3	3.8	3.8	4.1	4.9	4.8	4.9	4.5	4.3	4.0	3.9	3.6	3.4	3.1	2.9	2.5	2.6	3.97
21	2.6	2.1	2.0	1.4	1.5	1.7	1.8	1.9	1.4	1.6	1.1	1.1	1.8	1.9	1.8	1.9	1.7	1.3	0.9	1.0	1.0	0.4	0.1	0.0	1.42
22	0.1	−0.3	−0.7	−0.6	−0.5	−0.1	0.2	0.2	0.6	1.8	2.9	3.4	3.8	4.4	4.8	5.4	5.2	4.9	4.0	3.1	2.5	2.4	2.3	3.2	2.21
23	4.4	5.0	5.1	5.4	5.4	6.7	6.8	7.1	7.1	7.2	7.3	8.1	9.2	9.5	9.6	9.6	9.8	9.8	9.1	8.3	7.6	6.9	6.4	6.2	7.40
24	5.9	5.8	6.0	6.1	6.2	6.5	7.0	8.3	9.3	9.4	9.0	9.7	11.0	11.5	9.8	7.3	6.9	6.7	6.8	6.3	6.2	5.9	5.7	5.5	7.45
25	4.3	4.5	5.0	5.1	5.2	4.8	4.8	4.8	4.8	4.8	5.0	5.3	5.7	5.7	5.5	5.5	5.2	4.8	4.0	4.0	4.3	4.1	4.0	3.8	4.79
26	3.3	3.3	4.3	4.9	5.0	5.3	5.8	5.8	6.3	6.8	7.1	7.6	8.4	8.2	8.3	8.5	8.4	8.1	7.4	7.0	6.7	6.7	6.9	6.8	6.54
27	6.3	6.1	6.1	6.4	6.5	6.7	7.5	7.8	9.4	11.0	11.0	11.1	11.4	11.2	10.4	10.3	10.1	9.5	9.2	8.7	8.2	7.8	7.4	7.3	8.64
28	7.1	7.0	7.1	7.2	7.5	7.7	8.2	9.1	9.8	10.3	10.3	10.3	11.4	11.1	11.0	11.0	10.5	9.8	8.9	8.3	8.3	8.1	7.8	7.8	9.00
29	7.8	7.7	7.8	7.8	8.0	8.3	9.2	10.1	10.6	10.8	11.0	11.8	12.4	12.5	12.5	12.4	11.8	11.1	10.5	10.0	9.5	9.2	7.1	7.9	9.91
30	7.8	7.8	7.7	7.4	6.3	5.4	5.4	5.7	5.8	5.2	4.6	6.5	7.0	7.8	7.8	7.4	4.8	4.9	4.8	4.0	3.8	3.7	3.9	3.8	5.80
31	4.0	4.0	4.0	4.0	4.0	4.2	5.2	5.2	6.0	6.8	6.7	7.3	8.0	7.6	7.3	7.3	6.3	5.8	5.0	4.7	4.6	4.7	4.8	4.7	5.51
M.	2.63	2.53	2.51	2.55	2.61	2.77	3.06	3.34	3.71	4.06	4.14	4.59	5.04	5.18	4.92	4.71	4.39	4.11	3.74	3.39	3.22	3.06	2.89	2.83	3.58

September 1913. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. **Säntis.**

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	4.4	4.3	4.6	4.9	5.0	5.1	5.5	6.1	6.5	7.4	8.4	9.0	9.0	7.6	7.0	6.4	6.4	5.7	5.4	5.3	4.7	4.3	4.2	4.1	5.89
2	4.0	3.8	3.6	3.6	3.7	4.3	4.7	5.1	6.1	5.8	6.5	6.5	7.1	7.7	8.0	7.1	6.6	6.0	5.6	4.6	4.4	4.3	4.3	4.2	5.32
3	4.1	4.0	4.1	4.2	4.6	5.1	5.6	6.3	7.2	7.9	8.1	8.8	9.4	9.7	9.9	9.9	9.5	8.4	7.8	7.2	7.2	7.3	7.2	7.0	7.10
4	6.9	6.8	6.7	6.6	6.7	7.2	7.9	8.8	9.8	9.8	10.0	10.1	11.1	11.1	11.3	11.3	10.7	9.9	8.4	8.2	7.6	6.3	6.1	6.1	8.54
5	5.8	5.8	6.0	6.0	5.7	4.3	3.6	3.4	3.6	3.8	3.3	3.7	4.0	3.7	3.9	4.2	3.6	3.7	3.8	3.7	3.7	3.5	3.4	3.2	4.14
6	3.0	2.7	2.7	2.6	2.4	2.5	3.1	3.1	3.7	3.8	4.1	4.6	5.0	5.3	5.8	5.9	6.0	4.8	4.4	4.2	3.8	3.2	2.9	2.7	3.85
7	2.7	2.8	2.9	3.1	3.3	3.8	4.9	6.0	6.6	6.4	6.5	7.5	8.1	8.3	8.2	7.3	7.1	6.4	6.0	5.7	5.5	5.3	5.2	5.1	5.61
8	5.1	5.1	5.0	5.0	5.1	5.3	5.9	6.2	7.2	8.2	8.2	7.9	7.8	8.1	8.8	8.9	8.3	7.4	6.9	6.1	5.9	5.4	5.2	4.9	6.58
9	4.4	4.3	4.3	4.3	4.2	4.9	5.5	6.8	8.1	8.2	8.3	8.6	8.9	9.0	9.0	7.7	6.1	5.2	4.7	4.1	4.1	4.1	4.0	4.0	5.95
10	3.3	3.5	3.7	3.7	3.6	2.4	2.5	0.8	−0.4	−0.5	−1.5	−1.7	−1.7	−1.7	−2.0	−2.2	−2.4	−3.0	−3.7	−3.9	−3.9	−4.0	−4.6	−5.0	−0.78
11	−5.1	−5.0	−4.9	−4.4	−4.0	−3.8	−3.8	−3.8	−2.2	−1.9	−1.6	−0.8	−0.2	0.1	0.9	1.1	1.1	0.4	0.0	0.8	1.6	1.6	1.4	2.2	−1.26
12	3.3	3.5	3.8	4.0	4.4	3.1	3.2	3.1	3.7	4.2	4.7	4.7	4.9	5.0	4.8	4.8	5.0	4.4	4.0	3.7	3.0	2.3	2.1	2.2	3.83
13	2.3	2.3	2.4	2.4	2.4	2.6	3.1	3.7	3.8	4.4	4.8	5.8	6.7	6.9	6.2	5.7	4.9	3.9	3.0	2.9	2.9	2.8	2.8	3.0	3.82
14	3.2	3.4	3.4	3.4	3.5	3.5	3.6	4.1	4.4	5.0	4.8	5.0	6.0	5.3	5.4	5.6	5.4	5.0	4.3	3.8	3.0	2.6	2.3	2.2	4.09
15	2.2	1.9	1.6	1.5	1.5	1.3	1.2	1.1	1.4	1.3	−0.1	1.2	0.8	0.1	0.1	−1.2	−1.7	−2.0	−2.0	−1.9	−1.8	−2.0	−2.5	−2.5	−0.02
16	−2.5	−1.7	−1.5	−1.5	−1.5	−1.4	−1.1	−0.9	−0.1	0.1	0.1	1.5	2.2	2.4	2.4	1.9	1.7	1.8	1.8	1.8	1.8	1.5	1.3	1.2	0.47
17	1.8	1.2	0.9	0.5	0.7	1.0	1.2	1.0	1.0	1.1	0.8	0.6	0.7	0.8	0.9	0.2	−0.1	−0.9	−1.2	−1.5	−1.6	−1.7	−1.7	−1.6	0.15
18	−1.6	−1.3	−1.0	−0.9	−0.7	−0.4	−0.4	−0.3	0.6	1.4	1.3	2.1	2.1	2.1	1.8	1.3	0.9	0.2	−0.6	−0.6	−0.4	−0.4	−0.6	−0.6	0.17
19	−0.7	−0.7	−0.9	−1.2	−1.2	−1.0	−0.8	−0.7	−0.4	−0.4	0.2	0.2	0.2	−0.6	−1.2	−1.5	−0.4	−2.9	−2.9	−2.0	−1.6	−1.3	−1.2	−1.3	−1.01
20	−1.6	−1.8	−1.8	−2.1	−2.5	−2.6	−2.6	−2.5	−1.9	−1.4	−0.9	−0.3	0.1	0.1	0.1	0.1	−0.1	−0.8	−1.2	−1.9	−2.2	−2.0	−2.2	−2.2	−1.43
21	−2.1	−2.3	−2.2	−2.7	−2.8	−2.9	−2.9	−2.7	−2.4	−2.2	−2.1	−2.0	−1.8	−2.0	−2.5	−2.2	−2.6	−2.9	−3.0	−3.6	−3.2	−3.2	−3.5	−3.3	−2.63
22	−3.8	−3.3	−3.2	−3.0	−3.0	−3.0	−3.0	−2.8	−2.2	−1.8	−1.7	−1.2	−1.2	−1.3	−1.7	−2.4	−2.7	−3.1	−3.3	−3.5	−3.4	−3.5	−3.6	−3.5	−2.70
23	−3.5	−3.0	−2.9	−2.8	−2.8	−2.8	−2.4	−2.3	−1.9	−1.7	−1.7	−1.8	−1.7	−1.9	−2.0	−2.2	−2.2	−2.6	−2.6	−2.1	−1.9	−2.5	−2.7	−2.7	−2.36
24	−2.5	−2.3	−2.2	−1.6	−1.4	−1.0	−0.3	0.0	0.7	1.0	1.4	1.9	2.0	2.1	2.0	1.8	1.8	1.5	1.2	1.0	1.0	0.7	0.4	0.4	0.40
25	0.3	0.5	0.8	0.9	0.9	0.8	0.6	0.7	1.1	2.4	2.7	3.6	3.8	3.7	3.4	3.1	3.0	2.4	1.9	1.8	1.8	1.8	2.0	1.6	1.90
26	1.6	1.3	0.8	0.3	0.0	1.2	2.3	2.3	2.3	2.2	2.3	3.1	3.6	3.6	3.6	3.6	3.2	3.2	3.5	3.8	4.3	3.9	3.4	3.5	2.62
27	3.4	2.9	2.5	2.9	2.9	2.7	2.6	2.8	3.2	3.5	3.7	3.9	4.2	4.7	4.4	4.6	4.1	3.3	2.9	2.7	2.6	2.7	2.8	3.0	3.29
28	3.0	2.8	2.0	2.0	1.4	0.8	1.2	2.0	3.0	3.1	2.8	2.9	3.1	3.0	3.0	3.1	2.2	1.6	1.2	0.7	0.2	−0.1	−0.2	−0.3	1.85
29	−0.4	−0.4	−0.2	−0.1	−0.1	−0.1	0.6	1.3	1.7	1.8	1.9	2.9	3.5	3.5	3.1	2.9	2.3	1.3	0.8	0.6	0.4	0.3	0.2	0.1	1.16
30	0.0	0.0	−0.1	0.0	0.3	1.2	1.7	2.5	2.9	3.8	3.9	4.0	4.0	3.9	3.7	3.5	3.3	2.6	2.2	2.1	2.4	2.3	2.7	2.7	2.32
M.	1.37	1.37	1.36	1.39	1.41	1.47	1.77	2.04	2.55	2.89	2.97	3.41	3.72	3.68	3.61	3.34	3.03	2.86	1.98	1.79	1.73	1.52	1.37	1.35	2.23

Oktober 1913. **Säntis.**

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	2.7	2.9	2.8	2.7	2.7	2.6	2.5	2.8	2.9	3.0	3.7	4.0	4.2	4.4	4.2	4.3	3.8	3.3	2.6	1.9	1.8	1.7	1.5	1.3	2.93
2	1.0	0.9	0.8	0.8	0.8	1.1	1.9	3.2	3.6	3.2	3.3	4.0	4.7	4.9	4.2	4.0	3.1	2.2	1.9	1.6	1.4	1.2	1.0	0.8	2.32
3	0.7	0.6	0.6	0.3	0.8	1.1	1.8	2.8	3.8	3.5	3.5	4.0	4.6	4.6	4.2	4.0	3.6	3.0	2.1	1.8	1.8	1.6	1.3	1.1	2.38
4	1.0	1.2	1.3	1.3	1.3	1.7	1.8	2.6	2.8	3.0	2.8	2.9	3.2	2.9	2.7	2.2	1.8	1.4	1.3	1.0	0.5	0.0	−0.3	0.0	1.68
5	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.5	1.7	2.2	2.6	1.8	0.9	−0.1	−0.8	−1.0	−1.1	−0.7	−0.6	−0.9	−1.0	−1.3	0.18
6	−2.0	−2.7	−2.8	−2.9	−3.1	−3.6	−3.8	−3.1	−2.2	−1.5	−0.9	−0.4	−0.3	−0.1	0.0	−0.1	−0.1	−0.1	−0.1	−0.2	−0.1	−0.1	−0.2	−0.5	−1.29
7	−0.6	−0.5	−0.4	−0.3	−0.1	0.1	0.2	0.5	0.9	1.5	1.6	2.1	2.5	2.7	2.6	2.5	2.3	2.2	2.1	2.1	2.3	2.6	3.0	3.2	1.46
8	2.9	2.3	2.1	2.1	2.3	2.8	3.1	3.3	3.9	4.3	4.3	4.9	5.6	5.9	4.2	3.4	1.1	−0.9	−2.1	−2.4	−2.1	−2.1	−2.5	−2.7	1.82
9	−3.1	−3.5	−3.7	−3.8	−3.7	−3.8	−3.8	−3.7	−3.0	−2.9	−3.2	−2.7	−1.8	−1.6	−1.9	−2.0	−2.1	−2.2	−2.7	−2.7	−2.6	−2.7	−2.7	−2.7	−2.86
10	−2.7	−2.8	−2.9	−3.1	−3.7	−4.2	−3.7	−3.0	−2.4	−2.0	−1.5	−0.9	−0.3	−0.2	−0.2	−0.1	−0.2	−0.8	−1.1	−0.6	−0.5	−0.4	−0.3	−0.8	−1.60
11	−1.0	−0.9	−0.8	−0.6	−0.3	0.3	0.8	1.3	1.4	1.0	1.1	1.7	2.1	1.9	1.1	0.4	0.2	0.2	0.3	0.0	0.0	−0.2	−0.1	−0.4	0.40
12	−0.6	−0.6	−0.7	−1.1	−1.8	−2.1	−2.1	−2.3	−2.0	−1.8	−1.7	−1.6	−1.6	−1.7	−2.1	−2.6	−3.6	−3.8	−3.7	−3.6	−3.7	−3.9	−4.1	−4.6	−2.39
13	−4.7	−5.0	−4.6	−4.2	−4.1	−4.3	−3.8	−3.6	−3.4	−2.9	−3.3	−3.0	−2.8	−3.6	−3.6	−3.2	−3.4	−4.6	−4.8	−4.9	−5.0	−5.1	−5.3	−5.5	−4.11
14	−5.9	−6.6	−7.0	−7.7	−5.3	−3.6	−2.8	−2.5	−2.5	−2.4	−2.3	−2.0	−1.3	−0.8	−0.3	0.1	0.4	0.7	1.0	1.4	3.2	2.9	3.0	3.1	−1.55
15	3.8	3.8	3.8	4.0	4.3	4.6	4.4	4.8	4.1	4.1	3.8	2.5	1.9	1.8	0.1	−0.2	−1.1	−1.5	−2.1	−3.6	−3.5	−3.3	−3.0	−3.0	1.27
16	−3.0	−2.8	−3.0	−3.7	−3.5	−2.9	−1.8	−1.2	1.0	1.8	1.8	1.8	1.8	2.5	2.6	2.5	2.3	2.1	1.7	2.5	2.7	2.8	3.8	4.0	0.66
17	4.1	3.6	3.0	2.7	2.1	2.7	4.8	5.3	5.9	6.4	7.0	7.0	6.8	7.7	7.3	6.8	7.7	6.7	5.8	5.7	5.6	6.3	6.7	6.6	5.60
18	6.4	6.2	6.0	6.1	5.8	5.7	6.6	6.7	6.8	6.8	6.8	6.7	6.3	6.3	6.6	7.0	6.9	6.2	5.3	4.8	4.4	3.8	3.9	3.9	5.92
19	3.4	3.5	4.0	4.3	4.7	5.5	5.5	5.9	6.2	7.2	7.2	8.2	8.6	8.4	8.2	8.0	7.5	6.9	6.5	5.8	5.7	5.3	5.2	4.6	6.10
20	3.3	2.9	3.0	3.3	3.7	3.8	3.8	4.3	4.5	4.7	4.8	4.9	5.0	5.6	5.5	5.4	4.9	4.2	3.8	3.4	3.4	3.3	2.9	2.6	4.04
21	2.4	2.3	2.1	2.2	2.3	2.3	2.7	3.0	3.3	3.8	4.0	4.8	5.3	5.3	5.2	4.8	4.6	4.0	4.2	4.2	4.4	3.9	3.5	4.0	3.69
22	6.5	5.1	4.6	4.7	4.7	4.5	5.0	5.0	4.3	3.8	3.4	3.4	3.2	3.1	2.5	2.6	2.2	2.2	2.3	2.4	2.0	1.4	1.2	1.1	3.38
23	1.2	1.3	1.3	1.4	1.4	1.2	1.4	1.7	2.0	3.4	3.5	4.0	4.8	5.0	4.8	4.0	3.2	2.8	4.0	3.9	3.9	3.8	3.7	3.6	2.97
24	2.9	2.4	2.2	2.1	2.0	1.8	1.4	1.2	1.4	1.8	1.8	2.2	2.6	2.8	2.9	2.8	2.7	2.5	2.6	2.5	2.4	2.6	2.4	2.3	2.26
25	2.2	2.2	2.3	2.7	2.8	2.9	3.0	3.7	4.7	5.4	5.5	6.1	6.8	7.0	6.9	6.6	6.1	5.7	5.3	5.2	5.8	5.6	5.1	5.0	4.78
26	5.0	5.8	5.4	4.8	4.8	4.8	4.7	5.0	5.3	5.8	5.8	5.7	5.6	5.5	5.1	5.0	4.7	4.1	3.7	3.3	3.1	2.9	2.6	2.4	4.62
27	2.2	2.2	2.2	2.2	2.0	2.1	2.3	3.0	3.5	3.5	3.6	4.3	4.6	4.3	4.0	3.4	2.7	2.4	2.5	2.6	2.5	2.4	2.3	2.2	2.87
28	2.2	1.5	1.6	1.8	1.8	2.0	2.6	3.3	4.2	4.3	3.6	3.4	3.2	3.9	4.0	4.2	3.8	3.7	3.3	2.7	3.3	3.3	3.2	2.7	3.07
29	2.8	2.7	2.5	2.5	2.5	2.4	2.5	2.7	3.6	3.6	3.9	4.1	4.1	4.0	3.9	3.6	3.1	3.0	2.5	2.0	2.0	1.9	1.7	1.5	2.88
30	1.6	1.6	0.7	0.4	0.4	0.7	1.0	1.4	1.6	1.8	1.8	2.2	2.6	2.0	0.7	−0.4	−0.7	−1.2	−1.2	−1.3	−1.3	−1.8	−1.6	−1.4	0.38
31	−1.3	−1.1	−1.3	−1.3	−1.3	−1.4	−1.4	−1.0	0.0	0.5	0.8	1.0	1.4	1.3	1.2	0.6	0.1	−0.1	−0.2	−0.1	0.3	0.6	0.6	0.6	−0.06
M.	1.08	0.93	0.82	0.77	0.85	1.00	1.32	1.72	2.15	2.43	2.52	2.82	3.10	3.15	2.82	2.56	2.15	1.72	1.47	1.81	1.87	1.27	1.21	1.09	1.74

November 1913. **Stündliche Lufttemperaturen.** $h_t = 7.0^m$. Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	0.3	0.1	0.8	1.0	0.5	0.6	1.0	1.8	3.0	3.5	3.5	3.6	3.7	3.4	3.3	2.9	2.8	2.8	2.8	2.7	2.5	1.7	−0.8	−0.8	1.95
2	−0.7	−2.0	−2.2	−2.1	−1.7	−1.6	−1.5	−1.4	−0.8	−0.6	−0.7	−0.7	−0.5	−0.3	−0.4	−0.7	−1.1	−1.0	−0.9	−0.7	−0.2	0.1	0.2	0.3	−0.88
3	0.3	0.2	0.2	−0.1	−0.3	0.4	0.6	0.6	1.0	2.2	2.3	2.4	2.6	1.2	−0.3	−0.8	−1.2	−1.1	−1.0	−1.0	−1.1	−1.2	−1.3	−1.4	0.13
4	−1.4	−1.7	−1.8	−2.3	−2.3	−2.2	−1.7	−1.2	−0.8	−0.8	−0.7	−0.6	−0.6	−0.6	−0.3	−0.6	−0.7	−0.8	−0.9	−1.0	−0.8	−1.0	−1.0	−1.1	−1.12
5	−1.3	−1.7	−1.8	−1.8	−1.7	−1.5	−1.4	−1.1	−0.9	−0.4	−0.5	−0.6	−0.4	−0.1	−0.2	−0.6	−0.7	−0.7	−0.7	−0.7	−1.1	−1.4	−1.7	−1.9	−1.04
6	−2.1	−2.7	−4.1	−4.3	−4.6	−5.1	−5.8	−6.1	−6.4	−6.4	−6.2	−6.1	−6.2	−6.6	−7.1	−7.8	−7.8	−8.0	−8.1	−8.2	−8.1	−8.1	−8.0	−8.0	−6.33
7	−8.0	−8.0	−8.0	−7.8	−8.0	−8.3	−8.5	−8.6	−8.7	−8.7	−8.8	−8.1	−7.9	−7.9	−8.0	−8.0	−7.9	−8.0	−8.1	−8.1	−8.2	−8.2	−8.2	−8.3	−8.18
8	−8.2	−8.2	−8.3	−8.7	−8.9	−9.1	−9.2	−8.9	−8.3	−7.6	−7.7	−7.8	−7.7	−7.8	−8.7	−9.4	−9.2	−8.2	−7.1	−5.0	−4.3	−4.0	−3.8	−3.5	−7.48
9	−3.5	−3.7	−3.6	−3.3	−3.3	−3.1	−3.1	−2.8	−2.7	−2.7	−2.6	−2.3	−1.9	−2.0	−2.0	−2.1	−2.2	−2.0	−2.0	−1.9	−1.8	−1.7	−1.7	−1.8	−2.49
10	−1.9	−2.1	−2.0	−2.0	−2.0	−2.1	−2.1	−1.7	−1.2	−1.1	−1.0	−0.8	−0.8	−1.1	−1.7	−2.0	−2.0	−2.1	−2.0	−1.8	−1.8	−1.8	−1.9	−2.0	−1.71
11	−2.0	−2.0	−1.7	−1.3	−1.0	−0.2	−0.1	0.2	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.1	0.0	−0.1	−0.1	−0.2	−0.1	−0.2	−0.3	−0.24
12	−0.2	−0.2	−0.1	0.0	0.0	0.1	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.8	0.6	0.5	0.5	0.4	0.4	0.3	0.2	−1.2	−1.6	0.25
13	−1.4	−2.8	−3.1	−3.2	−3.2	−3.2	−3.2	−3.3	−3.4	−3.6	−3.6	−3.6	−3.6	−3.9	−4.0	−4.5	−4.7	−5.4	−5.8	−6.0	−6.1	−6.2	−6.2	−6.3	−4.18
14	−6.6	−6.8	−6.9	−7.0	−7.3	−7.5	−7.7	−7.8	−7.8	−7.8	−7.4	−7.1	−6.8	−6.8	−6.9	−7.1	−7.0	−6.9	−6.5	−5.4	−4.6	−4.6	−4.6	−4.7	−6.65
15	−5.0	−5.3	−5.5	−5.8	−6.2	−6.6	−6.7	−6.9	−7.2	−7.3	−7.5	−7.8	−7.6	−7.5	−7.4	−7.6	−7.6	−7.6	−7.6	−7.4	−7.4	−7.5	−7.3	−7.6	−6.99
16	−7.9	−8.0	−7.8	−7.3	−6.9	−6.8	−6.6	−6.4	−6.3	−6.3	−6.3	−6.1	−5.7	−5.8	−6.0	−6.0	−5.9	−5.8	−5.7	−5.6	−5.4	−5.3	−5.3	−5.4	−6.28
17	−5.7	−5.7	−5.8	−5.9	−5.8	−5.6	−5.6	−5.6	−5.3	−5.3	−5.3	−5.2	−4.4	−3.5	−2.7	−2.4	−1.9	−1.7	−1.5	−1.4	−1.1	−1.0	−0.9	−1.0	−3.76
18	−1.3	−1.5	−1.7	−1.9	−1.9	−1.7	−1.6	−1.6	−1.4	−1.3	−1.3	−1.4	−1.6	−1.8	−2.1	−2.6	−2.6	−2.7	−2.9	−3.3	−3.4	−3.3	−3.5	−3.4	−2.16
19	−3.4	−3.6	−3.3	−3.4	−3.0	−3.0	−3.1	−2.9	−2.8	−2.6	−2.7	−2.9	−2.9	−3.0	−3.1	−3.7	−4.1	−4.3	−4.3	−4.5	−4.6	−4.8	−5.7	−6.4	−3.67
20	−6.7	−6.9	−7.0	−6.8	−6.1	−5.2	−4.8	−4.6	−3.8	−3.7	−3.4	−2.8	−2.4	−2.3	−2.6	−2.9	−3.0	−3.0	−3.0	−2.3	−1.4	−1.3	−1.3	−1.3	−3.69
21	−1.0	−1.7	−1.6	−1.7	−1.8	−0.9	−0.7	−0.5	−0.3	−0.2	−0.1	0.1	0.4	0.0	−0.1	−0.6	−0.8	−0.7	−0.7	−0.8	−1.1	−1.6	−2.0	−2.6	−0.87
22	−3.0	−3.4	−4.1	−4.2	−4.8	−4.8	−4.6	−4.5	−4.1	−3.8	−3.4	−2.8	−2.5	−2.4	−2.9	−3.2	−3.3	−3.2	−2.6	−2.2	−1.8	−2.0	−1.8	−2.0	−3.22
23	−2.2	−1.9	−0.9	−1.6	−1.7	−1.6	−1.9	−1.7	−1.7	−1.5	−1.5	−1.6	−1.6	−1.9	−1.7	−1.9	−2.1	−2.3	−2.5	−2.6	−2.8	−3.1	−3.3	−3.4	−2.04
24	−3.5	−3.6	−3.8	−4.0	−4.2	−4.6	−4.5	−4.3	−3.7	−3.2	−3.1	−3.6	−2.8	−4.1	−5.2	−5.8	−6.3	−6.9	−7.0	−7.0	−7.2	−7.6	−8.1	−8.4	−5.10
25	−8.4	−8.6	−8.4	−8.3	−8.4	−8.9	−9.0	−8.8	−8.8	−8.6	−8.6	−8.0	−8.2	−8.4	−8.6	−8.6	−8.6	−8.6	−8.6	−8.4	−8.4	−8.5	−8.5	−8.4	−8.53
26	−8.6	−8.6	−8.6	−8.6	−8.3	−9.6	−9.3	−9.5	−8.8	−8.4	−7.7	−7.7	−7.6	−7.3	−7.3	−7.1	−6.8	−5.6	−5.1	−5.0	−5.4	−7.6	−7.0	−7.1	−7.61
27	−7.0	−6.8	−8.0	−7.7	−7.7	−7.1	−5.9	−5.3	−5.4	−6.1	−6.8	−6.7	−7.0	−7.3	−7.5	−7.6	−7.6	−7.6	−7.6	−7.7	−7.9	−8.1	−8.1	−8.1	−7.17
28	−7.9	−7.9	−7.6	−6.9	−6.6	−5.7	−4.8	−3.9	−3.5	−2.9	−2.9	−2.6	−2.5	−2.4	−2.2	−2.8	−2.7	−1.3	−1.5	−1.3	−1.2	−1.6	−1.8	−2.2	−3.61
29	−2.5	−2.6	−2.7	−2.9	−3.1	−3.3	−3.6	−3.4	−2.7	−2.0	−2.2	−2.5	−2.5	−2.5	−2.6	−2.6	−2.7	−2.8	−3.0	−3.3	−3.4	−3.5	−3.6	−3.8	−2.91
30	−4.0	−4.0	−3.6	−3.0	−2.8	−1.6	−1.6	−1.6	−0.6	−0.6	−0.9	−1.4	−1.9	−1.5	−0.7	−0.4	−0.4	−0.4	−0.3	−0.4	−0.6	−0.9	−1.0	−1.5	−1.49
M.	−3.83	−4.06	−4.10	−4.10	−4.10	−3.99	−3.89	−3.71	−3.41	−3.21	−3.17	−3.12	−2.99	−3.10	−3.26	−3.52	−3.58	−3.51	−3.46	−3.33	−3.28	−3.46	−3.65	−3.80	−3.57

Dezember 1913. Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	−1.6	−1.7	−2.7	−2.8	−2.9	−3.2	−3.4	−3.4	−3.3	−3.2	−3.2	−3.2	−3.1	−3.2	−3.3	−3.6	−3.9	−4.3	−4.3	−4.3	−4.3	−4.6	−4.8	−5.0	−3.47
2	−5.1	−5.3	−5.5	−5.6	−5.7	−5.9	−5.6	−4.9	−4.7	−4.6	−4.4	−4.5	−3.9	−4.3	−4.9	−5.1	−5.2	−5.2	−5.2	−5.3	−5.3	−5.4	−5.4	−5.2	−5.09
3	−4.9	−4.6	−4.4	−4.2	−3.8	−3.1	−2.7	−2.6	−2.2	−1.8	−1.7	−1.6	−1.4	−1.3	−1.3	−1.2	−1.3	−1.0	−1.0	−1.0	−1.1	−1.0	−1.2	−1.3	−2.15
4	−1.5	−2.1	−2.7	−2.9	−2.7	−2.8	−3.2	−3.3	−3.4	−3.4	−3.6	−3.9	−3.9	−3.9	−4.3	−5.7	−7.2	−8.0	−10.5	−9.9	−9.7	−10.0	−10.0	−9.9	−5.35
5	−10.6	−11.0	−11.1	−11.6	−12.0	−12.3	−12.5	−12.4	−12.4	−12.4	−12.6	−12.7	−12.5	−12.7	−12.6	−13.2	−13.5	−13.8	−12.1	−11.2	−10.7	−10.3	−10.1	−9.6	−11.89
6	−9.6	−9.4	−9.2	−9.2	−9.1	−9.0	−8.7	−8.3	−8.1	−7.8	−7.8	−7.6	−7.1	−6.8	−6.7	−6.6	−6.4	−6.2	−6.0	−5.9	−5.9	−5.9	−5.9	−6.0	−7.47
7	−6.0	−6.0	−6.0	−6.0	−6.2	−6.6	−6.8	−6.7	−6.6	−6.3	−6.8	−7.6	−7.8	−8.7	−10.0	−10.7	−10.9	−11.0	−11.2	−11.3	−11.6	−12.6	−14.6	−15.4	−8.89
8	−15.8	−16.2	−15.6	−15.4	−15.4	−15.9	−16.2	−15.9	−15.7	−15.1	−14.2	−14.1	−14.9	−14.9	−14.6	−14.6	−13.9	−13.8	−13.7	−13.0	−9.3	−11.1	−10.6	−10.1	−14.17
9	−10.2	−9.1	−8.7	−8.4	−8.8	−9.1	−7.4	−6.7	−6.3	−4.4	−4.3	−4.7	−5.0	−4.8	−4.7	−4.7	−5.5	−5.3	−5.2	−5.2	−5.2	−4.8	−5.4	−4.5	−6.18
10	−4.5	−5.7	−5.6	−5.4	−4.8	−4.6	−4.5	−4.8	−5.5	−5.8	−6.0	−6.6	−7.3	−7.8	−8.0	−8.5	−8.9	−9.4	−9.3	−9.3	−9.4	−9.5	−9.3	−9.2	−7.05
11	−9.0	−8.9	−8.8	−8.7	−8.6	−8.4	−8.4	−8.3	−7.9	−7.4	−6.9	−7.0	−7.0	−6.8	−6.8	−6.9	−7.0	−7.0	−7.2	−7.6	−7.1	−7.0	−7.1	−7.2	−7.60
12	−7.3	−7.3	−7.6	−6.5	−6.1	−6.2	−6.4	−5.8	−5.8	−5.7	−5.8	−5.8	−5.6	−6.2	−6.6	−6.7	−7.5	−7.5	−7.3	−6.8	−6.5	−6.5	−6.8	−7.0	−6.55
13	−7.2	−6.9	−7.0	−5.9	−5.8	−5.7	−5.5	−5.6	−5.7	−5.7	−5.9	−6.0	−6.2	−6.5	−6.8	−7.0	−7.6	−7.8	−8.0	−8.1	−8.2	−8.3	−8.8	−9.1	−6.89
14	−9.7	−10.1	−10.1	−10.1	−10.6	−10.6	−10.6	−11.0	−11.2	−11.3	−11.3	−11.3	−11.5	−11.7	−11.5	−11.2	−11.2	−11.6	−11.8	−11.8	−12.0	−12.2	−12.3	−12.5	−11.22
15	−12.4	−12.3	−12.0	−11.7	−11.4	−11.0	−10.8	−10.5	−10.0	−9.7	−9.5	−9.4	−9.6	−9.6	−9.1	−8.9	−8.2	−7.4	−7.0	−6.7	−6.2	−5.7	−5.2	−4.9	−9.13
16	−4.8	−4.6	−4.6	−4.9	−5.6	−5.2	−5.0	−4.8	−4.7	−4.6	−4.6	−4.7	−4.8	−5.1	−6.2	−6.8	−7.6	−8.0	−7.9	−8.1	−8.1	−8.1	−9.9	−10.7	−6.23
17	−10.8	−9.7	−9.2	−9.7	−10.3	−10.4	−10.5	−10.6	−10.5	−10.3	−10.3	−10.4	−10.2	−9.9	−9.9	−9.8	−9.9	−10.0	−10.0	−10.5	−10.8	−10.6	−10.6	−10.4	−10.22
18	−10.3	−10.1	−10.0	−10.3	−10.5	−10.6	−10.6	−10.4	−10.4	−10.4	−10.6	−11.0	−11.1	−11.3	−11.5	−11.5	−11.4	−11.8	−11.9	−12.1	−12.6	−12.1	−12.3	−12.3	−11.13
19	−12.1	−11.9	−11.7	−11.5	−11.5	−11.5	−11.5	−11.4	−11.6	−11.7	−11.8	−11.6	−11.5	−11.0	−11.2	−11.1	−11.1	−11.0	−10.6	−10.2	−9.4	−9.2	−8.8	−8.7	−10.98
20	−8.5	−8.0	−7.9	−7.3	−7.2	−6.7	−6.7	−6.4	−5.7	−5.7	−5.9	−6.3	−6.5	−6.6	−6.8	−6.6	−6.0	−6.0	−5.9	−6.0	−4.5	−4.3	−5.0	−5.8	−6.30
21	−5.4	−5.6	−4.9	−4.2	−3.9	−3.8	−4.0	−3.9	−3.9	−4.6	−4.6	−4.2	−4.5	−4.8	−4.0	−3.9	−4.4	−3.9	−4.3	−4.3	−4.6	−4.1	−4.3	−3.7	−4.32
22	−3.4	−3.4	−3.8	−4.1	−4.0	−3.9	−4.1	−4.4	−4.4	−2.6	−2.6	−2.6	−2.5	−2.7	−2.2	−2.5	−2.6	−2.5	−2.6	−2.5	−3.6	−4.8	−5.3	−5.3	−3.41
23	−5.7	−4.2	−4.3	−4.6	−5.0	−5.7	−6.1	−5.8	−5.7	−4.0	−4.8	−5.4	−5.9	−7.0	−7.0	−6.2	−6.3	−6.4	−5.8	−5.8	−5.4	−5.2	−5.3	−5.6	−5.55
24	−6.0	−6.1	−6.3	−7.3	−7.6	−7.2	−6.6	−6.5	−6.1	−6.0	−6.3	−7.1	−8.8	−8.7	−8.7	−8.9	−8.9	−8.9	−8.6	−8.3	−9.1	−9.2	−10.1	−11.9	−7.88
25	−12.8	−12.7	−13.0	−13.7	−13.6	−13.6	−13.6	−13.8	−13.8	−13.9	−13.9	−14.3	−15.1	−14.2	−14.3	−14.6	−14.6	−14.8	−14.9	−15.2	−16.0	−16.0	−16.1	−16.5	−14.38
26	−16.0	−15.3	−14.2	−13.4	−12.8	−12.3	−11.1	−10.3	−9.9	−9.7	−9.3	−9.4	−9.2	−9.4	−9.6	−9.6	−9.3	−9.1	−8.9	−8.3	−7.6	−7.0	−6.8	−6.7	−10.22
27	−6.7	−7.0	−6.9	−6.7	−6.5	−6.3	−6.5	−6.6	−6.2	−5.8	−5.7	−5.5	−5.4	−5.4	−5.7	−6.4	−7.1	−7.0	−6.6	−6.8	−7.2	−7.4	−7.0	−6.7	−6.46
28	−6.7	−6.6	−6.3	−6.7	−6.3	−6.5	−7.2	−7.2	−7.0	−7.0	−7.1	−7.1	−7.1	−7.2	−7.3	−7.6	−8.1	−10.2	−11.1	−11.7	−12.1	−12.5	−12.7	−13.0	−8.43
29	−13.6	−13.8	−14.0	−14.2	−14.8	−14.9	−15.4	−15.1	−14.8	−14.6	−15.0	−15.6	−15.9	−16.0	−16.8	−17.1	−16.6	−16.7	−16.4	−16.2	−16.0	−16.3	−16.7	−17.1	−15.57
30	−17.3	−17.6	−17.7	−18.0	−18.3	−18.4	−18.4	−18.4	−18.4	−17.9	−18.0	−17.9	−17.7	−17.9	−18.0	−17.6	−17.8	−17.9	−18.0	−18.2	−18.1	−18.6	−18.7	−18.4	−18.05
31	−18.7	−18.6	−18.3	−18.2	−18.5	−19.1	−19.6	−19.3	−18.4	−17.9	−18.0	−17.9	−18.9	−19.9	−19.6	−19.4	−19.7	−19.7	−20.0	−20.3	−20.5	**−21.0**	**−21.0**	**−21.0**	−19.31
M.	−8.85	−8.77	−8.70	−8.68	−8.72	−8.73	−8.70	−8.55	−8.40	−8.11	−8.14	−8.29	−8.45	−8.57	−8.68	−8.85	−9.02	−9.12	−9.14	−9.09	−8.97	−9.07	−9.29	−9.36	−8.76

1913. **Tägliche Maxima und Minima der Temperatur.** Säntis.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	**-2.9**	-5.7	-4.2	-10.7	-10.6	-11.8	-2.1	-7.5	3.0	-6.7	8.0	4.6	-0.2	-3.2	5.0	2.4	9.0	4.1	4.4	1.3	**3.7**	-0.8	-1.6	-5.0
2	-3.4	-5.7	-5.4	-13.5	-7.0	-11.6	-7.3	-9.9	-3.7	-7.2	**10.5**	4.7	1.0	-1.7	6.1	2.7	8.0	3.6	4.9	0.8	0.3	-2.2	-3.9	-5.9
3	-4.0	-5.9	-7.0	-13.3	-6.3	-11.2	-3.4	-8.6	-1.0	-6.5	10.4	5.4	3.1	-0.5	7.8	2.6	9.9	4.0	4.6	0.3	2.6	-1.4	**-1.0**	-4.9
4	-3.4	-4.9	-3.5	-8.8	-4.4	-9.0	-2.0	-5.3	-0.5	**-9.5**	10.1	3.0	0.8	-1.6	9.5	4.8	**11.3**	6.1	3.2	-0.3	-0.3	-2.3	-1.5	-10.5
5	-3.3	-6.0	-2.0	-4.1	-2.9	-5.9	-2.2	-6.1	-7.3	-9.1	7.9	1.7	2.4	-0.8	8.2	4.2	6.0	3.2	2.6	-1.3	-0.1	-1.9	-9.6	-13.5
6	-3.6	-5.7	-4.5	-7.6	0.0	-3.3	-0.8	-5.9	-4.3	-8.2	2.0	-3.4	2.2	0.4	5.3	0.7	6.0	2.4	0.0	-3.8	-2.1	-8.2	-5.9	-9.6
7	-4.3	-6.1	-4.5	-8.3	-2.3	-5.4	-1.4	-5.9	-4.6	-7.6	-0.1	**-4.6**	1.1	-1.5	0.2	-1.9	8.3	2.7	3.2	-0.6	-7.8	-8.8	-6.0	-15.4
8	-3.9	-6.4	-4.4	-10.7	-4.2	-13.4	-1.2	-6.7	1.0	-8.6	6.0	-1.9	-0.4	-3.3	1.4	-2.2	8.9	4.9	5.9	-2.7	-3.5	-9.4	-9.3	-16.2
9	-5.9	-7.4	-4.1	-10.3	-12.8	**-15.4**	-4.5	-9.0	4.4	-0.5	3.7	1.3	-3.0	**-4.7**	0.1	-2.1	9.0	4.0	-1.6	-3.8	-1.7	-3.7	-4.3	-10.2
10	-6.6	-9.7	**-0.6**	-4.1	-3.6	-13.4	-8.0	-10.1	5.0	-3.7	7.0	0.9	0.4	**-4.7**	-0.4	-2.2	3.7	-5.0	-0.1	-4.2	-0.8	-2.1	-4.5	-9.5
11	-6.7	-9.0	-2.2	-8.6	-0.7	-5.9	-9.4	-11.8	-3.9	-6.6	3.3	-0.1	0.2	-3.0	3.9	-1.0	2.2	**-5.1**	2.1	-1.0	0.5	-2.0	-6.3	-9.0
12	-6.1	-12.3	-6.0	-10.6	-1.5	-6.4	-7.9	-18.6	-0.9	-5.9	2.2	0.1	0.8	-2.0	4.1	2.2	5.0	2.1	-0.6	-4.6	0.9	-1.6	-5.6	-7.6
13	-10.9	-13.6	-6.4	-12.4	-1.2	-4.8	-14.5	**-19.9**	1.9	-3.9	2.6	0.3	5.6	-0.3	2.6	-1.5	6.9	2.3	-2.8	-5.5	-1.4	-6.3	-5.5	-9.1
14	-7.3	-13.2	-9.9	-15.9	-1.4	-5.1	-14.0	-18.8	3.0	-1.4	4.7	-0.7	10.0	3.7	-0.2	-2.7	6.0	2.2	3.2	**-7.7**	-4.6	-7.8	-9.7	-12.5
15	-6.4	-8.9	-9.6	-14.8	-3.3	-8.4	-11.5	-16.8	4.4	0.6	8.6	2.4	7.0	0.0	-0.9	-2.9	2.2	-2.5	4.8	-3.6	-5.0	-7.8	-4.9	-12.4
16	-8.0	-10.2	-9.6	-18.1	-3.0	-8.3	-6.3	-13.9	5.4	2.1	8.2	4.4	-0.1	-2.5	-0.1	**-3.3**	2.4	-2.5	4.0	-3.7	-5.3	-8.0	-4.6	-10.7
17	-7.2	-9.0	-16.2	**-18.5**	-3.0	-6.3	-2.5	-6.7	3.3	-1.3	9.4	4.8	0.7	-1.2	2.7	-1.6	1.3	-1.7	7.7	2.1	-0.9	-5.9	-9.2	-10.8
18	-8.1	-9.7	-10.1	-15.6	-8.7	-14.8	-6.4	-8.7	1.0	-2.6	10.4	4.5	2.7	0.1	7.9	2.0	2.1	-1.6	7.0	3.8	-1.3	-3.5	-10.0	-12.6
19	-9.0	-11.6	-9.9	-11.2	-4.5	-14.3	-2.0	-6.7	-2.7	-7.9	6.7	2.7	3.3	1.6	9.4	4.8	0.2	-2.9	**8.6**	3.4	-2.6	-6.4	-8.7	-12.1
20	-8.5	-11.6	-8.4	-10.9	-1.2	-4.4	-2.4	-5.0	-5.3	-8.4	6.0	0.9	2.7	-2.8	4.9	2.5	0.1	-2.6	5.6	2.6	-1.3	-7.0	-4.3	-8.5
21	-9.1	-10.6	-6.8	-10.2	-1.3	-2.9	-0.6	-4.9	0.1	-8.1	-1.5	-2.7	1.4	-2.1	2.6	0.0	-1.8	-3.6	5.3	2.1	0.4	-2.6	-3.7	-5.6
22	-10.3	**-13.7**	-10.1	-13.0	-0.7	-3.2	1.6	-1.4	0.1	-3.6	-1.4	-2.6	2.3	-0.2	5.4	-0.7	-1.2	-3.6	6.5	1.1	-1.8	-4.8	-2.2	-5.3
23	-5.4	**-13.7**	-7.9	-13.3	0.4	-3.6	1.7	-1.4	-1.6	-4.6	3.0	-2.4	-0.2	-2.2	9.8	4.4	-1.7	-3.5	5.0	1.2	-0.9	-3.4	-4.0	-7.0
24	-4.0	-6.9	-3.4	-8.0	-3.7	-8.7	2.8	-1.8	-0.1	-1.4	3.8	0.9	-0.9	-2.0	11.5	5.5	2.1	-2.5	2.9	1.2	-2.8	-8.4	-6.0	-11.9
25	-4.1	-7.0	-3.4	-5.4	-4.5	-8.8	2.0	-2.0	2.7	-2.0	0.7	-3.8	2.2	-0.9	5.7	3.8	3.8	0.3	7.0	2.2	-8.0	-9.0	-12.7	-16.5
26	-4.7	-8.6	-5.0	-9.3	-0.3	-4.5	2.7	-0.7	6.4	1.5	-1.9	-4.3	5.9	1.0	8.5	3.3	4.3	0.0	5.8	2.4	-5.0	**-9.6**	-6.7	-16.0
27	-5.2	-11.9	-5.9	-8.9	-4.0	-7.7	3.7	-0.1	6.6	3.6	-1.1	-2.8	7.2	3.2	11.4	6.1	4.7	2.5	4.6	2.0	-5.3	-8.1	-5.4	-7.4
28	-5.2	-8.3	-7.5	-10.6	-2.0	-8.0	3.5	-0.1	4.7	1.4	-2.1	-4.3	7.3	3.2	11.4	7.0	3.1	-0.3	4.3	1.5	-1.2	-7.9	-6.3	-13.0
29	-4.0	-6.0			**2.2**	-1.4	4.8	0.6	8.9	1.6	0.9	-3.7	7.8	3.2	**12.5**	7.1	3.5	-0.4	4.1	1.5	-2.0	-3.8	-13.6	-17.1
30	-4.9	-6.2			2.1	-1.0	**5.1**	0.9	9.6	4.5	-0.5	-3.1	**10.8**	4.0	7.8	3.7	4.0	-0.1	2.6	-1.8	-0.3	-4.0	-17.3	-18.7
31	-3.4	-10.7			2.1	-1.7			**9.9**	4.7			7.7	3.1	8.0	4.0			1.4	-1.4			-17.9	**-21.0**
Mittl. Max.	-5.80		-6.38		-2.98		-2.75		1.47		4.25		2.96		5.55		4.31		3.75		-1.92		-6.85	
Mittl. Min.	-8.91		-10.95		-7.44		-7.09		-3.40		0.01		-0.57		1.67		0.22		-0.53		-5.29		-11.12	
Differenz	3.11		4.57		4.46		4.34		4.87		4.24		3.53		3.88		4.09		4.28		3.37		4.27	
Abs. Max.	-2.9		-0.6		2.2		5.1		9.9		10.5		10.8		12.5		11.3		8.6		3.7		-1.0	
Abs. Min.	-13.7		-18.5		-15.4		-19.9		-9.5		-4.6		-4.7		-3.3		-5.1		-7.7		-9.6		-21.0	
Differenz	10.8		17.9		17.6		25.0		19.4		15.1		15.5		15.8		16.4		16.3		13.3		20.0	

1913. **Übersicht über den täglichen Gang der Temperatur.** Säntis.

Abweichungen vom Monatsmittel.

	Mittel	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a
Jan.	-7.28	-0.09	-0.16	-0.24	-0.29	**-0.32**	-0.30	-0.27	-0.13	0.26	0.55	0.61	0.69	**0.78**	0.58	0.32	-0.01	-0.24	-0.28	-0.30	-0.27	-0.23	-0.22	-0.23	-0.22
Febr.	-8.44	-0.53	-0.48	-0.46	-0.48	-0.38	-0.39	-0.32	-0.13	0.23	0.42	0.57	0.76	**0.95**	0.88	0.68	0.54	0.33	0.10	-0.02	-0.25	-0.39	-0.48	-0.51	**-0.58**
März	-4.96	-0.85	-0.92	-0.96	**-1.05**	-1.04	-0.92	-0.66	-0.24	0.23	0.59	0.74	1.02	1.25	**1.26**	1.20	0.87	0.58	0.28	0.08	-0.05	-0.15	-0.31	-0.42	-0.47
April	-4.88	**-1.15**	-1.10	-1.08	-1.02	-0.91	-0.68	-0.27	0.06	0.44	0.74	0.95	1.27	1.59	**1.67**	1.55	1.18	0.74	0.27	-0.21	-0.59	-0.74	-0.81	-0.88	-0.99
Mai	-0.76	-1.33	**-1.41**	-1.40	-1.34	-1.17	-0.82	-0.34	-0.10	0.25	0.73	0.86	1.19	1.67	**1.69**	1.60	1.39	1.13	0.67	0.16	-0.27	-0.53	-0.72	-0.92	-1.09
Juni	2.20	-1.16	-1.21	**-1.36**	-1.35	-1.21	-0.88	-0.37	-0.11	0.24	0.65	0.84	1.18	1.40	1.46	**1.47**	1.32	1.06	0.82	0.46	0.04	-0.46	-0.71	-0.98	-1.18
Juli	1.25	-0.89	-0.89	**-0.93**	-0.92	-0.90	-0.68	-0.50	-0.27	0.01	0.31	0.41	0.66	1.05	1.07	**1.13**	1.11	0.89	0.70	0.50	0.13	-0.22	-0.34	-0.65	-0.66
Aug.	3.58	-0.95	-1.05	**-1.07**	-1.03	-0.97	-0.71	-0.52	-0.25	0.13	0.48	0.56	1.01	1.46	**1.55**	1.34	1.13	0.81	0.53	0.16	-0.19	-0.36	-0.52	-0.69	-0.75
Sept.	2.23	-0.86	-0.86	-0.87	-0.84	-0.82	-0.76	-0.46	-0.19	0.32	0.66	0.74	1.18	**1.49**	1.45	1.38	1.11	0.80	0.13	-0.25	-0.44	-0.50	-0.71	-0.86	**-0.88**
Okt.	1.74	-0.66	-0.81	-0.92	**-0.97**	-0.89	-0.74	-0.42	-0.02	0.41	0.69	0.78	1.08	1.36	**1.41**	1.08	0.82	0.41	-0.02	-0.27	-0.43	-0.37	-0.47	-0.53	-0.65
Nov.	-3.57	-0.26	-0.49	**-0.53**	**-0.53**	**-0.53**	-0.42	-0.32	-0.14	0.16	0.36	0.40	0.45	**0.58**	0.47	0.31	0.05	-0.01	0.06	0.11	0.24	0.29	0.11	-0.08	-0.23
Dez.	-8.76	-0.09	-0.01	0.06	0.08	0.04	0.03	0.06	0.21	0.36	**0.65**	0.62	0.47	0.31	0.19	0.08	-0.09	-0.26	-0.36	-0.38	-0.33	-0.21	-0.31	-0.53	**-0.60**

Januar 1913. Stündliche Barometerstände (500 mm +). Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	66.4	66.2	66.1	66.1	65.4	65.5	65.5	65.5	65.6	65.8	65.7	65.4	65.2	65.1	65.1	65.0	65.0	65.0	64.9	64.8	64.8	64.7	64.5	64.3	65.32
2	63.9	63.7	63.6	63.5	63.3	63.2	63.0	63.1	63.1	63.0	62.9	62.2	61.9	61.8	61.8	61.7	61.7	61.8	61.7	61.6	61.2	61.1	61.1	61.0	62.37
3	60.9	60.9	61.0	61.1	61.2	61.3	61.3	61.4	61.5	61.8	62.0	61.9	61.9	61.9	62.2	62.4	62.5	62.8	63.0	63.1	63.3	63.3	63.5	63.5	62.07
4	63.6	64.0	64.0	64.1	64.2	64.3	64.4	64.5	64.9	65.1	65.2	65.0	64.9	64.8	64.8	64.8	64.9	65.0	65.1	65.2	65.1	65.2	65.2	65.2	64.73
5	65.2	65.3	65.3	65.2	65.3	65.3	65.4	65.7	65.9	66.0	66.0	65.9	65.8	66.0	66.2	66.6	66.7	66.8	67.0	67.2	67.3	67.4	67.4	67.5	66.18
6	**67.6**	**67.6**	**67.6**	67.5	67.3	67.2	67.2	67.2	67.1	67.0	66.9	66.8	66.3	66.3	66.2	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.3	66.78
7	66.2	66.2	66.1	66.1	66.0	66.1	66.2	66.2	66.3	66.3	66.2	65.9	65.6	65.5	65.4	65.2	65.3	65.2	65.1	65.0	64.8	64.7	64.6	64.4	65.61
8	64.3	64.4	64.3	64.0	63.7	63.6	63.4	63.4	63.3	63.3	63.1	62.7	62.6	62.6	62.5	62.5	62.4	62.4	62.5	62.7	62.8	63.0	63.0	63.0	63.15
9	62.9	63.1	63.2	63.1	63.0	63.0	63.1	63.1	63.1	63.3	63.2	63.0	62.7	62.5	62.2	62.0	61.7	61.7	61.5	61.3	61.2	60.9	60.8	60.4	62.33
10	60.3	60.2	59.9	59.5	59.3	59.2	59.1	58.9	58.8	58.7	58.5	58.3	58.2	58.1	58.1	58.0	57.9	57.7	57.6	57.5	57.5	57.4	57.3	57.2	58.47
11	57.0	56.8	56.8	56.8	56.7	56.5	56.7	56.6	56.7	56.6	56.4	56.4	56.4	56.4	56.4	56.2	56.1	56.0	55.9	55.5	55.0	54.7	54.2	53.7	56.10
12	53.8	53.1	52.8	51.6	51.7	52.1	52.4	52.4	52.8	52.8	53.3	53.7	53.5	53.9	54.0	54.3	54.2	54.5	54.6	54.6	54.9	55.0	54.9	54.9	53.55
13	54.9	55.0	55.1	54.8	54.7	54.7	54.9	54.7	54.6	55.0	55.2	55.0	54.7	55.3	55.6	56.0	56.2	56.7	56.9	56.8	56.9	56.8	56.7	56.8	55.58
14	56.8	56.9	56.9	56.8	56.8	56.8	56.9	56.8	56.9	56.9	56.8	56.5	56.3	56.3	56.5	56.4	56.4	56.6	56.4	56.3	56.3	56.2	56.1	55.9	56.56
15	56.0	56.0	55.8	55.7	55.6	55.6	55.6	55.8	55.9	56.0	55.8	55.8	55.7	55.8	56.0	56.0	55.9	55.8	56.0	56.2	56.2	56.3	56.2	56.3	55.92
16	56.2	56.3	56.1	56.0	55.9	55.8	56.0	56.1	56.3	56.3	56.3	56.1	55.5	55.6	55.7	55.9	56.2	56.5	56.4	56.2	56.1	56.0	56.2	56.0	56.07
17	55.9	55.9	55.8	56.0	55.8	55.6	55.7	55.9	56.0	56.2	56.0	55.9	55.6	55.7	55.6	55.7	55.6	55.2	55.5	55.5	55.5	55.2	55.4	55.2	55.68
18	55.2	55.2	55.3	55.0	54.2	54.5	54.6	55.0	54.8	54.8	54.8	54.8	54.7	55.1	55.5	55.8	56.0	56.3	56.7	57.2	57.3	57.5	57.7	57.9	55.66
19	57.6	58.1	58.2	58.2	58.4	58.4	58.6	58.9	59.2	59.4	59.2	59.0	58.8	58.7	58.6	58.5	58.2	58.1	58.1	58.0	57.8	57.7	57.1	56.9	58.32
20	56.9	56.7	56.4	55.4	55.3	55.2	55.2	55.3	55.1	54.8	54.7	54.4	54.1	54.0	54.0	53.7	53.3	53.3	53.4	52.8	52.6	52.4	52.1	52.1	54.30
21	51.7	51.6	50.9	50.7	50.3	50.3	50.2	**50.0**	50.2	50.6	50.5	50.6	50.5	50.7	50.7	50.7	50.7	50.4	50.8	51.2	50.7	51.0	51.3	51.7	50.75
22	51.9	52.2	52.6	52.6	52.8	53.4	54.0	54.2	55.0	55.3	55.5	55.5	56.0	56.7	57.1	57.7	57.8	58.4	59.0	59.2	59.4	59.2	59.2	59.1	55.99
23	59.0	59.0	58.9	58.5	58.5	58.5	58.3	58.1	58.2	58.0	58.2	57.9	57.5	57.5	57.9	58.1	59.0	59.9	60.8	60.8	60.8	60.8	61.0	60.8	59.00
24	60.4	60.7	60.6	60.5	60.6	60.8	60.9	61.3	61.4	61.6	61.6	61.5	61.4	61.1	61.1	61.1	60.9	60.7	60.5	60.4	60.4	60.3	60.2	60.1	60.84
25	60.1	60.2	59.7	59.3	59.3	59.4	59.3	59.5	59.5	59.5	59.5	59.6	59.4	59.6	59.7	59.7	59.7	60.4	60.2	60.9	60.9	60.9	61.1	61.2	59.94
26	61.0	61.3	61.2	61.2	61.2	61.3	61.2	61.3	61.2	61.2	61.3	61.6	61.6	61.7	62.0	62.0	62.4	62.7	62.8	62.9	62.9	62.9	62.9	62.8	61.86
27	62.7	62.8	62.6	62.5	62.5	62.4	62.3	62.2	62.3	62.3	62.3	62.1	62.0	61.8	61.9	61.9	61.9	61.9	61.8	61.6	61.3	61.4	61.4	61.1	62.04
28	60.9	60.7	60.4	60.2	59.9	59.7	59.6	59.8	60.0	60.1	60.1	59.9	59.7	59.5	59.6	59.7	59.9	59.9	60.0	60.1	60.1	60.2	60.3	60.3	60.03
29	60.2	60.3	60.2	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.1	59.8	59.5	59.3	59.1	58.9	58.8	58.8	58.8	58.7	58.6	58.4	58.3	58.0	59.50
30	57.8	57.7	57.6	57.4	57.3	57.2	57.3	57.4	57.6	57.8	57.9	57.9	57.9	57.9	58.0	58.3	58.5	58.6	58.6	58.7	58.8	58.6	58.5	58.1	57.98
31	58.1	57.7	57.2	56.7	56.5	56.5	55.6	55.6	54.5	54.2	54.0	53.6	53.0	53.0	53.0	54.2	56.0	56.1	56.9	57.6	58.0	58.3	58.5	58.5	55.97
M.	59.51	59.54	59.43	59.32	59.12	59.15	59.16	59.23	59.29	59.35	59.33	59.19	59.01	59.05	59.12	59.21	59.29	59.40	59.51	59.55	59.51	59.48	59.46	59.36	59.31

Februar 1913. (500 mm +). Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	58.7	58.7	58.5	58.9	59.0	59.4	59.6	60.0	60.0	60.1	60.0	60.0	59.3	58.9	58.9	58.6	58.2	58.3	57.6	57.6	57.5	57.5	57.2	57.1	58.73
2	56.8	56.5	55.9	55.6	55.2	55.0	55.5	56.0	56.1	56.9	57.2	57.7	57.7	58.2	58.6	58.8	59.1	59.4	59.5	59.7	59.8	59.6	59.4	59.4	57.65
3	59.7	59.7	59.6	60.1	60.4	60.7	61.5	62.2	62.4	63.6	64.1	64.4	64.3	64.6	65.0	65.6	65.9	66.6	67.0	67.4	67.5	68.3	68.1	67.9	64.03
4	67.8	68.1	68.1	68.2	68.7	68.9	69.2	69.4	69.7	69.8	69.9	70.0	69.9	69.7	69.7	69.7	69.6	69.6	69.7	69.8	69.6	69.5	69.4	69.1	69.30
5	68.6	68.4	68.1	67.9	67.8	67.5	67.4	67.3	67.2	67.1	67.0	66.6	66.1	65.8	65.3	65.1	65.0	64.9	64.8	64.8	64.8	64.8	64.4	64.3	66.29
6	64.1	64.2	64.1	63.9	63.8	63.7	63.7	63.8	64.0	64.2	64.4	64.2	64.1	64.0	63.9	64.0	64.1	64.3	64.6	64.9	65.2	65.4	65.6	65.8	64.83
7	65.7	65.8	65.8	65.7	65.8	66.1	66.6	66.9	67.4	67.5	67.5	67.4	67.6	67.6	67.8	67.9	68.0	68.2	68.2	68.2	68.2	68.3	68.2	68.2	67.28
8	68.0	68.0	67.7	67.4	67.3	67.2	66.9	66.9	67.0	66.8	66.9	66.1	65.8	66.1	66.7	67.5	67.8	68.5	68.9	69.1	69.2	69.4	69.5	69.4	67.67
9	69.2	69.4	69.3	69.5	69.7	69.8	70.0	70.2	70.4	70.4	70.6	70.6	70.7	70.8	70.9	71.0	71.1	71.4	71.6	71.8	71.7	71.7	71.7	71.8	70.64
10	71.7	71.7	71.5	71.4	71.5	71.4	71.6	71.8	71.9	71.9	**72.0**	71.8	71.6	71.5	71.5	71.6	71.8	71.9	71.9	71.9	71.8	71.8	71.7	71.4	71.69
11	71.3	71.1	70.9	70.9	71.0	71.0	71.1	71.3	71.4	71.3	71.3	70.9	70.9	70.6	70.6	70.4	70.4	70.6	70.5	70.4	70.3	70.2	70.1	70.0	70.77
12	70.0	69.9	69.7	69.6	69.5	69.4	69.2	69.3	69.1	69.1	69.0	68.9	68.7	68.5	68.3	68.1	68.3	68.2	68.1	67.8	67.8	67.8	67.6	67.4	68.72
13	67.0	66.7	66.3	66.2	66.2	66.1	66.1	66.1	66.2	66.1	66.4	66.4	66.3	66.4	66.4	66.2	66.0	66.0	65.9	65.7	65.3	65.0	64.7	64.4	66.00
14	64.0	63.5	63.2	63.0	62.8	62.5	62.4	62.3	62.0	61.9	61.8	61.8	61.4	61.2	60.9	60.6	60.6	60.6	60.4	60.2	60.0	59.7	59.7	59.7	61.51
15	59.4	59.1	59.0	59.0	58.9	58.8	58.7	58.6	58.6	58.7	58.8	58.8	58.7	58.7	58.7	58.7	58.8	59.0	59.0	59.0	59.0	58.9	58.7	58.7	58.85
16	58.5	58.4	58.1	57.9	57.7	57.7	57.7	57.6	57.5	57.5	57.4	57.3	57.1	56.9	56.7	56.5	56.3	56.3	56.0	55.8	55.6	55.4	55.1	54.7	56.98
17	54.5	54.3	53.9	53.5	53.1	52.7	52.5	52.3	52.2	52.0	52.0	51.8	51.6	51.6	51.6	**51.5**	51.6	51.7	51.8	51.8	52.0	52.1	52.2	52.3	52.36
18	52.3	52.4	52.3	52.3	52.4	52.5	52.7	52.9	53.0	53.3	53.6	53.7	53.9	54.0	54.2	54.4	54.4	54.6	54.7	54.9	54.9	55.0	54.9	54.9	53.68
19	54.9	54.8	54.7	54.5	54.4	54.1	53.9	53.7	53.4	53.2	53.3	53.3	53.4	53.5	53.8	53.9	54.2	54.4	54.7	54.9	55.2	55.3	55.5	55.8	54.28
20	55.9	56.1	56.0	56.0	56.1	56.0	56.1	56.1	56.0	55.9	56.0	55.7	55.6	55.6	55.7	55.8	55.9	56.2	56.2	56.3	56.4	56.4	56.4	56.5	56.04
21	56.6	56.4	56.3	56.2	56.2	56.3	56.4	56.7	56.9	57.2	57.4	57.3	57.3	57.3	57.3	57.6	57.7	57.8	58.4	58.6	58.7	58.9	59.1	59.1	59.2	57.48
22	59.1	59.1	59.1	59.0	59.1	59.1	59.2	59.4	59.7	59.8	60.0	60.0	59.8	59.7	59.8	59.9	60.0	60.3	60.6	65.7	60.8	61.0	61.1	61.3	59.90
23	61.4	61.4	61.3	61.3	61.4	61.7	61.9	62.1	62.3	62.4	62.6	62.8	62.8	62.7	62.6	62.6	62.5	62.6	62.8	62.7	62.8	62.8	62.6	62.6	62.28
24	62.7	62.6	62.3	62.3	62.2	62.1	62.2	62.4	62.8	62.9	62.9	63.0	63.1	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.0	63.0	62.9	62.9	62.78
25	62.8	62.7	62.4	62.2	62.1	62.0	61.9	62.0	62.0	62.1	62.2	62.1	61.9	61.6	61.6	61.3	61.3	61.3	61.2	61.0	60.8	60.8	60.8	60.7	61.70
26	60.7	60.5	60.2	60.0	59.7	59.4	59.4	59.4	59.3	59.2	59.1	59.2	58.9	58.7	58.7	58.5	58.4	58.2	58.3	58.2	58.0	57.9	57.6	57.4	58.95
27	57.1	56.9	56.7	56.5	56.2	56.1	55.9	56.0	55.8	55.6	55.6	55.5	55.2	55.0	54.6	54.5	54.2	54.4	54.4	54.2	54.4	54.4	54.6	54.8	55.86
28	55.0	55.0	55.0	55.1	55.3	55.4	55.8	56.2	56.3	56.6	56.7	56.9	57.0	57.1	57.3	57.5	57.8	58.1	58.4	58.6	58.8	59.0	59.0	59.1	56.96
M.	61.91	61.84	61.64	61.58	61.55	61.52	61.61	61.75	61.81	61.90	61.99	61.94	61.81	61.76	61.80	61.82	61.86	62.04	62.09	62.11	62.12	62.15	62.06	62.03	61.86

März 1913. **Stündliche Barometerstände (500 mm +).** Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	59.2	59.2	59.1	59.0	59.2	59.5	59.7	60.0	60.0	60.2	60.4	60.3	60.3	60.3	60.4	60.4	60.5	60.8	60.8	60.8	60.9	60.9	60.8	60.8	60.15
2	60.8	60.8	60.8	60.7	60.7	60.8	60.9	61.2	61.6	62.1	62.3	62.6	62.8	62.9	63.0	62.9	63.1	63.5	63.7	63.8	64.2	64.3	64.4	64.7	62.44
3	64.9	64.9	64.6	64.5	64.3	64.5	64.6	64.7	65.1	65.4	65.5	65.5	65.3	65.2	65.2	65.3	65.5	65.7	65.8	65.9	65.9	65.9	65.8	65.5	65.23
4	65.3	65.0	64.6	64.2	64.3	64.4	64.8	65.4	65.8	65.7	66.2	66.4	66.4	66.3	66.3	66.3	66.4	66.5	66.7	66.8	67.0	66.8	66.7	66.7	65.88
5	66.5	66.6	66.6	66.7	66.9	66.9	67.3	67.7	68.1	68.4	68.8	69.0	69.0	69.0	69.2	69.1	69.2	69.6	69.8	69.9	70.0	70.2	70.2	70.0	68.53
6	70.0	70.0	69.8	69.8	69.7	69.8	69.8	69.9	70.0	70.0	70.0	69.8	69.6	69.4	69.2	69.1	69.1	69.1	69.1	69.0	68.9	68.8	68.6	68.3	69.45
7	67.9	68.0	67.3	66.9	66.8	66.8	66.5	66.4	66.5	66.7	67.0	67.0	66.7	66.3	65.9	65.8	65.5	65.4	65.4	65.3	65.1	64.8	64.6	64.3	66.20
8	63.9	63.8	63.0	62.6	62.3	62.5	62.3	62.3	62.3	62.3	62.2	62.1	61.5	61.2	61.6	61.7	62.3	62.7	63.0	63.2	63.1	63.2	63.3	63.4	62.58
9	63.5	63.6	63.6	63.7	63.9	64.3	64.8	64.9	65.2	65.5	65.7	65.9	66.1	66.2	66.4	66.7	66.9	67.3	67.6	67.9	68.1	68.2	68.0	68.0	65.92
10	68.0	68.0	68.0	68.2	68.4	68.4	68.7	69.1	69.3	69.3	69.6	69.8	69.7	69.8	69.7	69.7	69.9	70.0	70.3	70.5	**70.6**	70.5	70.2	70.0	69.40
11	70.0	69.6	69.4	69.4	69.2	69.3	69.3	69.7	69.9	69.8	69.9	69.8	69.5	69.4	69.1	69.0	68.7	68.8	68.9	69.0	68.9	68.8	68.9	68.7	69.29
12	68.6	68.5	68.2	68.3	68.3	68.2	68.3	68.4	68.6	68.7	68.9	68.8	68.6	68.4	68.2	67.8	67.3	66.9	66.6	66.3	66.1	66.0	65.8	65.6	67.73
13	65.5	65.4	65.1	64.7	64.5	64.5	64.6	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.0	65.1	65.3	65.3	65.2	64.90
14	65.3	65.2	65.0	65.1	65.2	65.3	65.6	65.7	66.0	66.0	66.3	66.1	66.0	65.9	65.8	65.7	65.7	65.8	65.9	65.9	65.8	65.8	65.7	65.7	65.69
15	65.6	65.4	65.4	65.2	65.0	65.1	65.1	65.0	65.0	64.9	64.9	65.0	64.9	64.9	65.5	65.6	66.0	66.1	66.3	66.7	67.0	67.0	67.1	66.7	65.64
16	66.2	65.7	65.3	64.9	64.8	64.6	64.7	64.7	64.8	64.9	64.9	64.7	64.5	64.3	64.1	63.9	63.8	63.7	63.5	63.3	63.3	63.2	63.1	62.9	64.33
17	62.2	61.6	61.0	60.8	60.6	60.2	59.9	59.6	59.3	59.0	58.8	58.2	57.5	56.5	55.7	55.2	54.8	54.6	54.3	53.6	53.6	53.4	52.7	52.2	57.30
18	51.6	50.7	50.2	50.3	**50.1**	50.4	50.4	50.6	50.7	50.9	50.8	50.9	51.0	51.1	51.3	51.3	51.2	51.3	51.8	51.9	51.9	51.8	51.7	51.5	51.06
19	51.3	51.1	50.8	50.9	51.2	51.5	51.5	51.5	52.0	52.0	51.9	51.9	51.9	51.8	51.6	51.5	51.2	51.9	52.0	52.3	53.4	53.8	54.0	53.9	51.95
20	54.7	54.8	55.4	56.0	56.8	56.9	57.3	58.1	59.0	59.3	59.4	59.7	59.9	59.6	60.0	60.1	60.2	60.4	60.4	60.5	60.5	60.6	60.6	60.2	58.77
21	60.3	60.5	60.4	60.1	60.5	60.5	60.5	60.8	61.0	61.4	61.6	61.6	61.6	61.6	61.6	61.7	61.9	61.9	62.2	62.3	62.6	62.6	62.7	62.7	61.44
22	62.6	62.6	62.3	62.3	62.2	61.9	61.8	61.6	61.5	61.5	61.4	61.4	61.0	60.7	60.3	60.2	60.0	59.8	59.7	59.2	59.2	58.8	58.7	58.6	60.80
23	58.5	58.3	58.1	58.0	57.9	58.0	57.9	57.8	57.7	57.6	57.2	56.9	56.7	56.3	56.2	56.1	56.0	55.8	55.7	55.6	55.3	55.1	54.9	54.7	56.76
24	54.4	54.1	53.8	53.7	53.9	54.1	54.5	54.8	55.7	56.2	56.7	57.3	57.6	58.0	58.4	58.8	59.8	59.6	60.0	60.3	60.4	60.7	60.8	61.0	57.25
25	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.9	62.3	62.7	62.8	63.0	63.0	63.0	63.0	62.9	63.0	62.9	62.7	62.5	62.3	62.3	62.1	62.4	62.25
26	62.4	62.0	61.9	62.3	62.2	62.0	62.1	62.0	61.8	61.5	61.0	60.5	60.0	59.6	58.8	58.6	58.4	58.2	58.1	58.1	58.2	58.2	58.3	58.3	60.19
27	58.2	58.0	57.9	57.9	57.8	57.8	57.8	57.7	57.6	57.4	57.4	57.3	57.0	57.0	56.9	56.8	56.7	56.7	56.8	56.6	56.6	56.3	56.3	56.2	57.20
28	56.0	55.5	55.5	55.4	55.4	55.5	55.5	55.6	55.9	56.2	56.5	56.9	57.2	57.8	58.0	58.0	58.0	58.3	58.8	59.3	59.6	59.6	59.7	59.1	57.22
29	59.5	59.3	59.3	59.2	59.2	59.2	59.1	59.2	59.6	60.3	60.8	61.1	61.3	61.3	61.7	61.7	61.6	61.6	61.9	62.2	62.4	62.5	62.8	62.8	60.82
30	62.7	62.7	62.6	62.3	62.3	62.4	62.3	62.0	62.0	62.2	62.9	62.8	63.1	62.6	62.8	62.1	62.0	61.6	61.6	61.2	61.3	61.7	61.4	61.2	62.16
31	61.1	61.1	61.2	61.0	60.5	60.3	60.5	60.5	60.4	60.2	60.2	60.3	60.3	60.4	60.4	60.6	60.8	60.8	61.1	61.0	61.0	60.9	60.9	60.8	60.66
M.	62.18	62.04	61.85	61.79	61.79	61.84	61.93	62.04	62.24	62.36	62.47	62.50	62.41	62.31	62.29	62.24	62.25	62.33	62.43	62.45	62.52	62.52	62.45	62.32	62.23

April 1913. (500 mm +). Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	60.3	59.9	59.7	59.4	59.3	59.3	59.5	59.7	59.7	59.8	59.7	59.7	59.8	59.7	59.7	60.0	60.2	60.4	60.6	60.8	60.9	61.0	61.0	61.1	60.05
2	61.1	61.1	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.0	60.9	60.7	60.6	60.5	60.5	60.4	60.2	60.0	59.6	55.2	58.8	60.66
3	58.6	58.4	58.3	58.1	57.8	57.9	57.9	57.8	57.9	57.8	57.7	57.7	57.6	57.7	57.8	57.8	57.8	58.0	58.0	58.1	58.1	58.0	58.0	57.6	57.93
4	57.4	57.5	57.3	57.2	57.0	56.9	56.8	56.8	56.9	56.6	56.6	56.8	56.9	56.8	56.6	56.7	56.5	56.2	55.8	55.4	54.9	54.7	54.4	54.0	56.36
5	53.4	52.9	52.6	52.6	52.5	52.4	52.4	52.7	53.0	53.1	53.3	53.6	53.9	54.3	54.4	54.4	54.6	54.5	54.5	54.5	54.4	54.3	54.1	54.1	53.60
6	53.8	53.6	53.2	53.0	52.9	52.9	52.9	53.0	53.1	53.2	53.2	53.1	53.1	53.0	53.0	53.0	53.0	53.0	53.1	53.2	53.2	53.1	53.0	52.9	53.10
7	52.8	52.6	52.2	51.9	51.7	51.6	51.5	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	52.0	52.2	52.5	52.6	52.7	52.9	53.0	52.00
8	53.0	53.0	52.9	52.9	52.9	53.1	53.4	53.7	53.9	54.1	54.2	54.4	54.5	54.5	54.5	54.5	54.6	54.7	54.9	55.1	55.2	55.1	55.0	55.0	54.13
9	54.8	54.6	54.5	54.3	54.3	54.3	54.4	54.4	54.6	55.0	55.2	55.5	55.6	55.6	55.7	55.9	56.3	56.5	56.8	57.1	57.3	57.4	57.4	57.4	55.62
10	57.2	57.0	56.9	56.8	56.7	56.7	56.8	56.7	56.6	56.4	56.3	56.2	56.1	56.0	55.9	55.6	55.3	55.3	55.0	54.9	54.8	54.6	54.7	54.7	55.97
11	54.7	54.5	54.4	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.4	54.4	54.0	54.0	53.6	53.5	53.3	53.3	53.2	52.8	52.4	52.1	51.3	53.79
12	50.9	50.1	49.2	48.3	47.8	47.2	46.2	46.1	45.5	**45.3**	45.4	**45.3**	45.4	45.9	46.3	46.5	46.9	47.2	48.1	49.2	49.5	50.1	50.8	50.4	47.63
13	50.4	50.4	50.4	50.4	50.4	50.5	50.7	50.8	51.1	51.4	51.6	51.7	52.1	52.3	52.4	52.7	53.0	53.2	53.5	53.7	53.9	54.1	54.3	54.4	52.06
14	54.3	54.4	54.4	54.7	54.8	55.0	55.1	55.3	55.7	56.0	56.1	56.3	56.4	56.7	56.7	56.8	57.0	56.9	57.2	57.3	57.2	57.1	57.0	56.9	56.05
15	56.6	56.4	56.4	56.3	56.2	56.3	56.4	56.4	56.7	56.9	57.0	57.1	57.2	57.4	57.5	57.5	57.6	57.7	57.9	58.2	58.2	58.2	58.1	58.0	57.18
16	57.9	57.7	57.4	57.3	57.3	57.4	57.6	57.9	58.1	58.1	58.2	58.1	58.1	58.0	57.8	57.7	57.6	57.6	57.7	57.7	57.7	57.5	57.3	57.1	57.70
17	56.5	56.1	56.1	56.3	56.0	56.0	56.5	56.5	56.4	56.7	56.3	56.4	55.8	56.2	56.3	56.3	56.2	56.7	56.4	56.7	56.6	56.9	57.0	56.6	56.41
18	56.4	56.3	56.7	56.8	57.0	57.3	57.6	57.9	57.9	57.8	58.0	58.3	58.6	58.8	58.9	59.0	59.1	59.5	59.6	59.9	59.9	60.0	60.1	60.2	58.40
19	60.0	60.2	60.1	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.2	60.2	60.2	60.2	60.2	59.8	59.8	59.7	59.5	59.7	59.6	59.3	59.0	59.0	59.92
20	58.6	58.4	58.4	58.4	58.4	58.8	58.9	59.1	59.5	60.1	60.1	60.3	60.6	60.9	61.0	61.0	61.2	61.3	61.7	62.3	62.4	62.5	62.5	62.3	60.36
21	62.0	61.7	61.8	61.4	61.4	61.5	61.8	62.1	62.1	62.4	62.6	62.6	62.7	62.8	62.8	62.7	62.8	62.7	62.9	63.2	63.5	63.5	63.6	63.5	62.50
22	63.4	63.3	63.3	63.4	63.5	63.6	63.7	63.9	63.9	64.2	64.2	64.3	64.4	64.4	64.2	64.1	63.9	63.6	63.6	63.6	63.6	63.3	63.1	62.9	63.73
23	62.7	62.4	62.2	62.1	62.1	62.1	62.1	62.0	61.9	61.9	61.9	61.8	61.8	61.7	61.6	61.4	61.4	61.5	61.4	61.3	61.4	61.1	60.6	60.6	61.71
24	60.5	60.2	60.2	60.0	59.8	59.7	59.7	59.9	59.9	60.0	60.0	60.0	59.9	59.7	59.6	59.5	59.3	59.3	59.4	59.5	59.6	59.6	59.5	59.5	59.76
25	59.3	59.1	58.9	58.6	58.6	58.7	58.8	58.8	58.8	58.9	59.0	59.1	59.1	59.3	59.3	59.5	59.5	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.20
26	59.7	59.7	59.8	59.9	60.1	60.3	60.4	60.4	60.4	60.3	60.4	60.6	60.7	60.6	60.5	60.5	60.4	60.2	60.2	60.2	59.9	59.6	59.5	59.4	60.15
27	59.2	59.0	59.0	59.0	59.0	59.2	59.3	59.3	59.3	59.4	59.5	59.8	60.0	60.1	60.1	60.0	60.2	60.5	60.9	61.5	61.4	61.6	61.7	61.8	60.03
28	61.9	62.0	62.2	62.3	62.5	62.8	63.0	63.2	63.5	63.8	63.9	64.1	64.3	64.3	64.3	64.5	64.6	64.8	65.0	65.4	65.6	65.8	65.9	66.0	63.99
29	66.1	66.1	66.2	66.1	66.2	66.4	66.5	**66.6**	66.5	66.5	66.4	66.4	66.3	66.2	66.2	66.2	66.0	65.7	65.7	65.8	65.8	65.8	65.8	65.8	66.14
30	65.5	65.3	65.1	65.0	65.0	65.0	65.0	64.9	64.8	64.7	64.6	64.4	64.3	64.0	63.9	63.8	63.7	63.5	63.3	63.2	63.1	62.9	62.7	62.5	64.18
M.	57.97	57.81	57.69	57.59	57.55	57.61	57.69	57.77	57.83	57.93	57.96	58.03	58.08	58.12	58.12	58.11	58.14	58.18	58.27	58.43	58.43	58.38	58.32	58.22	58.01

Mai 1913. Stündliche Barometerstände (500 mm +). Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	62.3	62.1	61.7	61.5	61.3	61.2	61.0	60.8	60.8	60.7	60.5	60.3	60.1	59.7	59.7	59.4	59.2	59.2	59.2	59.3	59.1	59.0	58.9	58.7	60.24
2	58.6	58.4	58.3	58.1	58.3	58.2	58.2	58.2	58.2	58.1	58.1	58.3	58.3	58.2	58.2	58.2	58.2	58.3	58.4	58.5	58.5	58.4	58.3	58.0	58.27
3	57.6	57.5	57.3	57.2	57.0	57.0	57.0	56.9	56.9	56.7	56.7	56.5	56.4	56.3	56.2	56.1	56.0	56.0	56.1	56.2	56.1	56.0	55.8	55.6	56.55
4	55.4	55.2	54.8	54.5	54.5	54.3	54.2	54.0	54.0	53.9	53.8	53.5	53.4	53.0	52.7	52.3	52.1	51.9	51.9	51.9	52.1	52.1	52.2	52.2	53.33
5	51.7	51.4	51.3	50.9	50.7	50.5	50.3	50.1	**50.0**	**50.0**	50.1	50.2	50.2	50.1	50.2	50.2	50.3	50.4	50.7	51.0	51.0	51.1	51.1	51.2	50.61
6	51.2	51.2	51.2	51.3	51.5	51.7	51.7	51.9	52.0	52.0	52.2	52.3	52.5	52.5	52.5	52.5	52.7	52.7	53.0	53.4	53.7	53.8	53.7	53.8	52.38
7	53.7	53.6	53.7	53.7	53.8	53.9	54.0	54.4	54.7	54.7	54.9	55.1	55.4	55.8	57.1	56.6	57.0	57.3	57.7	57.9	57.9	57.9	58.0	58.0	55.66
8	57.9	57.9	58.0	58.0	58.0	58.2	58.5	58.7	58.8	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.3	59.4	59.6	59.6	59.6	59.7	59.7	59.7	58.93
9	59.7	59.7	59.7	59.6	59.6	59.7	59.7	59.8	59.8	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.5	60.6	60.7	60.7	60.7	60.09
10	60.6	60.6	60.6	60.5	60.5	60.5	60.4	60.5	60.6	60.6	60.4	60.2	60.1	60.0	59.9	60.0	59.7	59.6	59.8	59.2	59.6	59.6	59.6	59.4	60.10
11	59.3	59.2	59.0	58.7	59.0	59.3	59.5	59.6	59.7	60.1	60.1	60.2	60.3	60.5	60.6	61.1	61.2	61.5	61.7	62.1	62.4	62.5	62.5	62.5	60.53
12	62.5	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.7	62.9	63.0	62.9	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.5	63.5	63.4	63.3	63.1	62.93
13	62.8	62.7	62.5	62.4	62.4	62.6	62.7	62.8	63.0	63.1	63.2	63.5	63.5	63.6	63.6	63.7	63.7	63.8	63.8	63.8	64.0	64.1	64.1	63.8	63.30
14	63.7	63.7	63.7	63.7	63.7	63.8	64.0	64.2	64.1	64.1	64.3	64.3	64.3	64.3	64.4	64.2	64.1	63.9	63.8	63.8	63.9	63.8	64.2	64.2	64.01
15	64.2	64.0	63.8	63.6	63.7	64.1	64.3	64.2	64.1	64.0	64.1	64.1	64.1	63.8	63.7	63.5	63.5	63.5	63.4	63.4	63.4	63.4	63.4	63.3	63.78
16	63.1	63.0	62.8	62.1	61.7	61.4	61.3	61.3	61.2	61.1	61.0	60.8	60.6	60.4	60.1	59.9	59.8	59.8	59.6	59.4	59.4	59.2	59.2	59.1	60.72
17	59.1	58.6	58.7	58.6	58.5	58.4	58.3	58.2	58.3	58.3	58.4	58.6	58.7	58.6	58.6	58.5	58.7	58.6	58.6	58.8	59.1	59.1	59.0	58.8	58.63
18	58.6	58.4	58.2	57.9	57.9	58.0	57.9	58.0	58.0	58.1	58.5	58.6	58.5	58.5	58.3	58.3	58.4	59.0	59.3	59.7	60.1	60.0	60.1	60.1	58.68
19	60.1	60.1	59.9	59.8	59.8	59.8	59.9	60.0	59.8	60.0	60.1	60.0	59.9	60.1	60.0	60.1	60.2	60.7	61.0	61.4	61.6	61.6	61.6	61.6	60.38
20	61.5	61.4	61.4	61.6	61.7	61.8	62.1	62.2	62.4	62.8	63.0	63.2	63.5	63.7	64.1	64.2	64.4	64.6	64.8	65.0	65.3	65.3	65.2	65.2	63.35
21	65.2	65.0	64.9	64.8	64.8	65.0	65.2	65.4	65.6	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.0	65.9	65.8	65.7	65.7	65.7	65.6	65.60
22	65.4	65.1	65.0	64.7	64.5	64.5	64.5	64.6	64.7	64.8	65.0	65.1	65.1	64.8	65.1	64.8	65.4	65.7	66.0	66.1	66.3	66.3	66.3	66.1	65.25
23	66.0	65.9	65.8	65.8	65.8	65.9	66.0	66.0	65.9	66.1	66.3	66.4	66.4	66.4	66.1	66.5	66.6	66.4	66.5	66.7	66.6	66.6	66.7	66.7	66.25
24	66.7	66.4	66.5	66.6	66.7	66.9	67.1	67.4	67.8	68.1	68.3	68.6	68.8	69.0	69.1	69.4	69.5	69.5	69.6	69.5	69.6	69.6	69.6	69.7	68.33
25	69.6	69.3	69.0	68.9	68.9	69.0	69.2	69.2	69.4	69.6	69.9	70.1	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.7	70.9	71.0	71.0	70.9	69.98
26	70.8	70.8	70.8	70.7	70.7	70.8	71.0	71.2	71.3	71.4	71.4	71.6	71.7	71.7	**71.8**	71.6	71.5	71.6	71.6	71.6	71.6	71.6	71.5	71.3	71.1	71.30
27	70.9	70.9	70.6	70.4	70.4	70.4	70.5	70.6	70.4	70.5	70.6	70.4	70.3	70.3	70.1	69.8	69.4	69.3	69.3	69.3	69.3	69.1	69.3	68.8	70.04
28	68.4	67.6	67.5	67.5	67.7	67.5	67.9	67.7	67.8	68.0	68.0	68.0	68.0	67.8	67.8	67.8	67.8	68.2	68.3	68.6	68.7	69.0	68.7	68.7	68.04
29	68.6	68.6	68.6	68.6	68.7	68.6	68.5	68.6	68.5	68.7	68.6	68.6	68.5	68.7	68.7	68.7	68.7	68.6	68.7	68.7	68.7	68.6	68.6	68.4	68.62
30	68.3	68.1	68.1	68.1	68.1	68.1	68.0	68.0	67.9	68.2	68.2	68.1	68.1	68.1	68.0	67.8	67.7	67.7	67.3	67.4	67.3	67.3	67.3	67.3	67.85
31	67.1	67.0	66.9	66.9	66.9	67.0	67.0	67.0	66.9	66.8	66.7	66.5	66.3	66.3	66.2	66.1	66.3	66.5	66.3	66.4	66.8	66.7	66.6	66.6	66.66
M.	62.28	62.12	62.02	61.91	61.91	61.96	62.01	62.06	62.11	62.19	62.27	62.30	62.31	62.29	62.29	62.27	62.30	62.38	62.46	62.56	62.66	62.65	62.64	62.55	62.27

Juni 1913. (500 mm +). Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tagesmittel
1	66.6	66.6	66.6	66.6	66.3	66.1	66.1	66.0	66.0	66.3	65.8	66.0	65.9	66.3	66.7	66.7	66.6	67.0	67.1	67.3	67.4	67.4	67.4	67.2	66.58
2	67.0	67.1	67.1	67.1	67.1	67.2	67.3	67.5	67.8	68.0	68.2	68.4	68.4	68.3	68.1	68.1	68.0	67.7	68.0	68.4	68.4	68.2	67.9	68.2	67.81
3	68.8	67.8	67.8	67.7	68.1	68.1	68.2	68.3	68.6	69.2	69.2	69.2	69.2	69.1	69.1	69.3	69.2	69.6	69.5	69.3	69.5	69.6	69.5	69.6	68.88
4	69.5	69.5	69.3	69.0	68.7	68.5	68.5	68.6	68.9	69.0	69.0	68.8	68.4	68.2	68.3	67.6	66.9	66.6	67.0	67.0	67.6	67.5	67.6	67.2	68.22
5	66.9	66.8	66.4	66.4	66.4	66.6	66.6	66.6	66.5	66.5	66.6	66.7	66.6	66.4	66.3	66.1	66.1	66.1	66.2	66.3	66.4	66.4	66.0	65.7	66.40
6	65.6	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.3	65.1	65.1	64.8	64.7	64.7	64.9	64.7	64.8	65.1	65.2	65.4	65.5	65.6	65.6	65.4	65.24
7	65.4	65.5	65.5	65.5	65.6	65.7	65.9	66.1	66.2	66.3	66.5	66.7	66.8	66.9	67.0	67.1	67.2	67.2	67.4	67.4	67.6	67.7	67.6	67.5	66.60
8	67.6	67.5	67.3	67.3	67.2	67.3	67.3	67.4	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.7	67.5	67.6	67.6	67.8	67.8	67.7	67.7	67.7	67.57
9	67.5	67.4	67.3	67.3	67.5	67.6	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.0	67.80
10	67.9	67.7	67.5	67.4	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.3	67.3	67.1	66.8	66.8	66.6	66.6	66.7	66.2	66.0	67.14
11	65.8	65.5	65.3	65.2	65.4	65.5	65.4	65.3	65.7	65.8	65.8	66.4	66.2	66.4	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.4	66.2	66.2	65.93
12	66.2	66.0	65.1	65.2	65.2	65.2	65.3	65.2	65.3	65.4	65.8	65.7	65.7	65.9	66.0	66.3	66.6	66.7	66.8	66.7	66.8	66.8	66.7	66.6	65.97
13	66.6	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.8	67.0	67.2	67.3	67.3	67.3	67.6	67.7	68.0	68.1	68.3	68.5	68.6	68.6	68.6	67.30
14	68.6	68.5	68.4	68.4	68.4	68.4	68.7	69.0	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.5	69.4	69.2	69.3	69.4	69.8	69.8	69.8	69.7	69.22
15	69.6	69.5	69.3	69.2	69.3	69.4	69.6	69.7	69.9	70.4	70.7	70.6	70.7	**70.8**	70.7	70.7	70.7	70.7	70.7	70.7	**70.8**	**70.8**	70.7	70.6	70.24
16	70.5	70.3	70.2	70.2	70.1	70.0	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.2	70.2	70.0	69.8	69.7	69.7	69.6	69.8	69.7	69.7	69.7	70.03
17	69.6	69.4	69.3	69.2	69.1	69.1	69.1	69.1	69.3	69.5	69.5	69.4	69.4	69.3	69.3	69.1	69.0	69.0	69.0	69.1	69.3	69.3	69.3	69.2	69.25
18	68.9	68.7	68.4	68.3	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.3	68.2	68.0	67.9	67.8	67.7	67.7	67.8	67.8	67.8	67.9	67.8	67.8	68.13
19	67.7	67.4	67.3	67.2	67.1	67.2	67.2	67.3	67.4	67.6	67.6	67.4	67.4	67.3	67.0	67.1	67.1	67.1	67.1	67.2	67.3	67.2	67.2	66.9	67.26
20	66.7	66.4	66.2	66.1	66.0	65.8	65.8	65.8	65.7	65.7	65.6	65.5	65.5	65.4	65.3	65.2	65.1	65.0	65.1	65.0	65.0	64.8	64.5	64.0	65.47
21	63.7	63.6	63.4	63.2	63.3	63.3	63.3	63.3	63.1	63.2	63.2	63.2	63.4	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.3	63.4	63.2	63.0	63.30
22	62.7	62.8	62.8	63.0	63.0	63.2	63.3	63.6	63.9	63.8	63.7	64.2	64.4	64.7	64.8	65.0	65.2	65.2	65.2	65.6	65.9	65.9	66.1	65.9	64.33
23	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.4	66.6	66.7	67.0	67.1	67.2	67.2	67.3	67.5	67.4	67.1	67.2	67.2	67.5	67.2	67.0	66.8	66.78
24	66.6	66.5	66.3	66.4	66.4	66.7	66.7	66.8	66.5	66.7	66.8	66.9	66.5	66.3	65.9	65.5	65.5	65.3	65.6	65.6	65.7	65.8	65.6	65.3	66.16
25	64.8	64.5	63.8	63.5	62.9	62.8	62.8	62.9	62.6	62.5	62.4	61.5	61.4	61.4	61.4	61.3	**61.2**	61.3	61.3	61.3	61.4	61.5	61.5	61.5	62.23
26	61.7	61.6	61.7	61.8	62.0	62.6	62.9	63.2	63.8	64.3	64.5	64.8	65.2	65.5	65.6	65.8	65.8	65.9	65.9	66.2	66.3	66.3	66.2	66.2	64.41
27	65.9	65.8	65.4	65.3	65.1	65.2	65.2	65.1	64.9	64.6	64.6	64.3	64.1	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.6	64.6	64.5	64.0	64.81
28	63.8	63.6	63.8	64.2	64.5	64.9	65.3	65.5	65.6	66.1	66.2	66.4	66.6	66.9	67.2	67.2	67.4	67.6	67.8	68.1	68.4	68.4	68.3	68.2	66.33
29	67.8	67.5	67.1	67.0	67.2	67.2	67.1	67.2	67.3	67.4	67.3	67.2	66.9	67.0	67.2	67.3	67.6	67.4	67.2	67.1	66.9	66.5	66.8	66.9	67.17
30	66.7	66.6	66.5	66.6	66.5	66.5	66.3	66.5	66.5	66.3	66.7	66.8	66.9	66.9	67.1	66.9	66.8	66.8	66.8	66.9	66.8	66.9	66.8	66.6	66.70
M.	66.74	66.60	66.43	66.41	66.40	66.46	66.51	66.59	66.68	66.80	66.86	66.88	66.86	66.89	66.92	66.89	66.86	66.86	66.94	67.00	67.11	67.09	67.00	66.88	66.78

Juli 1913. Stündliche Barometerstände (500 mm +). Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	66.5	66.2	66.0	66.0	66.0	66.0	66.0	66.2	66.3	66.4	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.8	66.7	66.7	66.8	66.7	66.7	66.4	66.50
2	66.2	65.9	65.6	65.4	65.2	65.1	65.1	65.2	65.4	65.4	65.5	65.4	65.5	65.5	65.4	65.2	65.1	64.8	64.6	64.5	64.2	64.0	63.9	63.5	65.07
3	63.2	63.0	62.8	62.6	62.5	62.5	62.5	62.6	62.6	62.5	62.7	62.6	62.7	62.6	62.7	62.6	62.4	62.3	62.3	62.3	62.4	62.5	62.3	62.2	62.53
4	61.9	61.5	61.4	61.3	61.3	61.4	61.4	61.5	61.5	61.6	61.7	61.6	61.6	61.8	61.7	61.5	61.5	61.4	61.5	61.6	61.6	61.7	61.8	61.7	61.56
5	61.7	61.5	61.5	61.4	61.4	61.5	61.5	61.6	61.8	62.1	62.2	62.4	62.4	62.4	62.4	62.2	62.1	62.0	62.1	62.1	62.3	62.1	62.0	61.9	61.94
6	61.4	61.1	60.8	60.4	60.3	60.1	60.0	60.1	60.0	60.1	60.1	59.8	59.7	59.9	60.1	59.8	59.4	59.3	59.2	59.5	60.1	60.2	60.1	60.1	60.07
7	59.8	59.8	59.6	59.5	59.1	59.2	59.2	59.3	59.1	59.1	59.4	59.6	59.9	60.1	60.6	60.8	60.8	60.7	60.7	60.9	61.1	61.0	61.1	61.0	60.06
8	60.9	60.9	60.8	60.8	60.7	60.7	60.7	60.6	60.6	60.7	60.7	60.8	60.8	60.7	60.8	60.8	60.8	60.7	60.7	61.0	61.3	61.4	61.3	61.5	60.86
9	61.7	61.8	62.0	62.4	62.7	63.3	63.6	63.9	63.9	64.2	64.2	64.5	64.6	64.8	64.8	64.7	64.6	64.6	64.4	64.6	64.6	64.4	64.2	64.0	63.85
10	63.7	63.8	63.0	62.7	62.3	62.1	61.9	61.8	61.6	61.4	61.2	61.1	60.7	60.4	60.3	60.2	60.0	59.8	59.7	59.1	58.9	58.8	58.8	58.7	60.90
11	58.6	58.4	58.2	58.2	58.2	**58.0**	58.1	58.3	58.6	58.9	59.0	59.4	59.6	59.9	59.8	60.3	60.5	60.6	60.9	61.3	61.5	61.6	61.9	62.0	59.66
12	62.0	62.2	62.3	62.5	63.0	63.3	63.6	63.9	64.1	64.3	64.4	64.7	65.0	65.2	65.5	65.7	65.8	65.8	66.0	66.2	66.4	66.5	66.5	66.6	64.64
13	66.6	66.5	66.4	66.4	66.7	66.9	67.0	67.2	67.2	67.4	67.7	68.1	68.3	68.5	68.7	68.7	68.7	68.6	68.8	69.1	**69.3**	**69.3**	69.1	69.0	67.93
14	68.9	68.8	68.7	68.6	68.6	68.5	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.6	68.4	68.1	67.7	67.4	67.4	67.4	67.2	66.6	65.9	68.19
15	65.7	65.3	64.7	64.5	64.1	63.8	63.7	63.7	63.6	63.7	63.7	63.8	64.0	63.8	63.6	63.9	63.8	63.7	63.6	63.6	63.7	63.5	63.4	63.2	63.92
16	62.6	62.4	62.4	62.2	62.2	62.2	62.3	62.4	62.3	62.1	62.4	62.7	62.7	62.6	62.6	62.7	62.7	62.6	62.9	63.1	63.3	63.4	63.4	63.2	62.64
17	63.2	63.3	63.4	63.5	63.7	64.0	64.3	64.4	64.7	64.9	65.2	65.4	65.8	66.1	66.5	66.8	67.0	67.2	67.4	67.9	68.1	68.2	68.2	68.1	65.72
18	68.1	68.1	67.8	67.8	67.9	68.0	67.9	67.7	67.9	67.9	68.0	67.9	67.5	67.5	67.3	67.3	67.2	67.1	66.7	66.8	66.8	66.7	66.3	67.50
19	66.0	66.0	66.0	66.0	66.1	66.3	66.4	66.4	66.5	66.6	66.7	66.6	66.6	66.4	66.2	65.9	65.5	65.2	64.5	64.4	64.9	64.8	64.5	64.5	65.79
20	64.2	63.8	63.4	63.3	63.3	63.3	63.3	63.4	63.5	63.5	63.8	63.6	63.5	63.9	63.9	64.2	64.0	64.0	64.3	64.5	64.7	64.9	65.0	64.9	63.92
21	64.7	64.7	64.6	64.6	64.6	64.6	64.7	64.7	64.9	65.2	65.3	65.6	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	65.40
22	65.7	65.6	65.2	65.2	65.0	64.9	64.8	65.0	64.9	65.2	65.1	65.1	64.9	64.9	64.4	64.0	64.0	64.0	63.9	63.5	63.4	63.1	62.3	61.8	64.41
23	61.9	61.4	61.3	61.0	60.6	60.8	60.9	60.8	60.7	60.8	60.6	60.3	60.5	60.2	59.9	59.6	59.5	59.7	59.2	59.2	59.2	59.3	59.1	58.9	60.23
24	58.7	58.6	58.5	58.6	58.6	59.0	59.1	59.1	59.3	59.7	60.1	60.1	60.4	60.6	60.8	61.0	61.1	61.2	61.3	61.7	62.2	62.3	62.6	62.7	60.30
25	62.8	62.8	62.8	62.9	63.2	63.4	63.4	63.4	63.6	64.0	64.4	64.5	64.6	64.6	64.5	64.4	64.5	64.4	64.5	64.6	64.8	64.9	65.0	64.9	64.04
26	64.9	64.8	64.8	64.8	64.9	65.2	65.5	65.7	65.9	66.2	66.4	66.7	66.9	67.1	67.2	67.2	67.3	67.4	67.6	67.8	68.1	68.1	68.2	68.2	66.54
27	68.2	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.2	69.2	69.3	69.1	69.0	69.0	68.8	69.0	69.3	69.2	69.1	**69.3**	**69.3**	69.2	68.8	68.89
28	68.7	68.6	68.5	68.4	68.3	68.3	68.2	68.3	68.5	68.6	68.5	68.5	68.5	68.5	68.5	68.4	68.1	68.0	68.0	68.1	68.2	68.2	67.9	67.6	68.31
29	67.5	67.2	67.0	66.7	66.7	66.9	66.9	67.0	67.0	67.1	67.0	67.0	67.0	66.9	66.8	66.7	66.6	66.6	66.4	66.5	66.4	66.3	66.2	66.1	66.77
30	65.9	65.7	65.6	65.6	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.6	65.7	65.7	65.7	65.5	65.4	65.3	65.2	65.2	65.1	64.9	64.9	64.7	65.47
31	64.4	64.0	63.7	63.6	63.5	63.5	63.6	63.6	63.7	64.1	64.2	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.5	64.6	64.7	64.9	64.9	64.9	64.24
M.	64.07	63.92	63.78	63.72	63.70	63.77	63.83	63.90	63.96	64.11	64.20	64.28	64.34	64.38	64.38	64.34	64.29	64.24	64 22	64.29	64.42	64.39	64.81	64.16	64.12

August 1913. (500 mm +). Säntis.

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tagesmittel
1	64.5	64.4	64.4	64.5	64.5	64.6	64.7	64.7	64.9	65.0	65.2	65.5	65.7	66.1	66.3	66.4	66.5	66.7	66.8	67.0	67.1	67.1	67.1	67.1	65.70
2	67.0	66.8	66.5	66.4	66.4	66.5	66.6	66.7	66.8	67.1	67.3	67.5	67.5	67.6	67.6	67.5	67.4	67.4	67.3	67.3	67.3	67.2	67.2	67.0	67.08
3	66.6	66.5	66.4	66.3	66.2	66.2	66.3	66.6	66.6	66.6	66.6	66.5	66.7	66.6	66.6	66.4	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.3	66.42
4	66.0	65.7	65.6	65.4	65.5	65.6	65.6	65.7	65.9	65.9	66.1	66.2	66.3	66.3	66.3	66.2	66.1	66.0	65.9	65.8	65.7	65.6	65.5	65.4	65.85
5	65.3	65.1	65.0	64.7	64.6	64.6	64.6	64.5	64.8	64.9	65.0	64.8	64.9	64.8	64.8	64.8	64.8	64.4	64.3	64.3	64.1	64.0	64.1	63.7	64.62
6	63.6	63.8	62.7	62.5	62.4	62.5	61.9	62.2	62.3	62.2	62.2	61.9	61.5	61.3	61.4	61.6	61.5	61.5	61.8	61.9	61.9	62.1	62.1	62.1	62.10
7	61.9	61.7	61.7	61.7	61.9	61.9	62.1	62.1	62.3	62.6	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1	64.2	63.8	63.3	63.1	62.9	62.60
8	62.7	62.6	62.4	62.2	62.1	62.1	62.1	62.2	62.3	62.3	62.6	62.8	62.8	62.9	62.9	62.8	62.7	62.7	62.6	62.6	62.6	62.5	62.5	62.2	62.51
9	61.7	61.4	61.2	60.8	60.6	**60.5**	**60.5**	60.7	60.6	60.9	60.9	61.2	61.2	61.2	61.0	61.1	60.9	61.1	61.2	61.4	61.6	61.7	61.9	61.9	61.13
10	61.8	61.8	61.8	61.8	61.8	62.1	62.6	62.6	62.6	62.9	63.1	63.4	63.7	63.8	64.1	64.3	64.3	64.6	64.9	65.3	65.6	65.7	65.7	65.6	63.58
11	65.7	65.6	65.5	65.6	65.6	65.7	65.8	65.8	65.9	66.1	66.2	66.3	66.5	66.7	66.8	66.9	66.9	66.8	67.1	67.2	67.3	67.3	67.2	66.8	66.39
12	66.4	66.3	66.2	66.2	65.9	65.9	65.9	65.9	65.9	66.0	65.9	66.0	66.0	66.0	65.9	65.9	65.9	65.9	66.0	66.1	66.1	66.0	66.1	66.0	66.02
13	65.8	65.7	65.6	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.8	65.6	65.6	65.4	65.4	65.4	65.5	65.4	65.4	65.2	64.9	65.59
14	64.7	64.4	64.2	63.9	63.8	63.7	63.6	63.3	63.2	62.9	62.8	62.7	62.6	62.7	62.8	62.8	62.8	63.1	63.2	63.4	63.4	63.4	63.4	63.1	63.33
15	63.2	62.9	62.9	62.7	62.7	62.8	63.0	62.9	62.9	63.0	63.0	62.8	62.9	63.0	63.2	63.2	63.3	63.3	63.4	63.5	63.5	63.6	63.5	63.5	63.11
16	63.4	63.2	63.1	63.0	63.0	63.0	63.0	63.1	63.3	63.5	63.8	64.0	64.0	64.2	64.2	64.3	64.5	64.6	64.6	64.8	64.9	64.9	64.9	64.8	63.92
17	64.7	64.5	64.4	64.4	64.3	64.5	64.6	64.8	65.1	65.4	65.7	65.9	66.2	66.0	66.2	66.2	66.3	66.4	66.6	66.8	66.9	66.9	67.0	66.9	65.69
18	66.9	66.9	66.9	66.7	66.6	66.6	66.8	66.9	67.1	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.6	67.8	67.8	68.0	68.0	67.9	67.9	67.8	67.41
19	67.9	67.8	67.7	67.7	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.6	67.6	67.3	67.1	66.9	66.7	66.7	66.6	66.6	66.4	66.3	66.0	67.27
20	65.7	65.4	65.1	64.8	64.8	64.8	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.0	65.0	65.1	65.1	65.1	65.4	65.4	65.4	65.5	65.5	65.13
21	65 5	65.5	65.5	65.5	65.6	65.8	66.2	66.3	66.5	66.7	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.5	67.6	68.0	68.2	68.2	68.1	66.86
22	68.0	68.0	68.0	68.1	68.1	68.1	68.5	68.7	68.9	69.1	69.2	69.4	69.6	69.6	69.7	69.6	69.5	69.5	69.6	69.7	69.7	69.6	69.5	69.5	69.05
23	69.3	69.2	68.9	68.8	68.7	68.7	68.8	68.9	68.9	68.9	69.1	69.2	69.3	69.2	69.1	69.2	69.2	69.2	69.2	69.4	69.3	69.2	69.2	69.1	69.08
24	69.0	69.1	69.1	69.0	69.0	69.1	69.3	69.3	69.4	69.6	69.8	69.7	69 6	69.6	69.6	69.4	69.4	69.4	69.5	69.6	69.7	69.7	69.6	69.4	69.40
25	69.3	69.0	69.3	69.2	69.3	69.4	69.7	69.9	70.2	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.6	70.7	70.8	70.9	70.8	70.5	70.9	70.23
26	70.9	70.8	70.8	70.6	70.7	70.9	71.1	71.3	71.5	71.7	71.9	**72.0**	**72.0**	71.9	71.8	71.7	71.8	71.8	71.7	71.7	71.6	71.6	71.5	71.3	71.44
27	71.1	71.0	70.7	70.5	70.4	70.4	70.6	70.6	70.7	70.8	70.7	70.7	70.7	70.7	70.6	70.6	70.4	70.2	70.2	70.1	70.0	70.0	69.9	69.7	70.47
28	69.6	69.4	69.3	69.1	69.0	68.9	68.9	69.0	69.0	69.1	69.1	69.0	69.0	68.9	68.8	68.7	68.5	68.3	68.2	68.2	68.2	68.1	68.0	67.8	68.75
29	67.6	67.5	67.3	67.2	67.1	67.1	67.1	67.2	67.3	67.4	67.3	67.1	66.9	66.8	66.8	66.8	66.6	66.5	66.7	66.7	66.6	66.6	66.6	65.9	66.95
30	65.2	64.4	64.2	64.2	64.4	64.4	64.3	64.3	64.4	64.5	64.3	64.2	64.2	64.3	64.6	64.6	64.8	64.9	65.3	65.5	65.4	65.4	65.3	65.3	64.68
31	65.4	65.4	65.4	65.5	65.5	65.7	66.0	66.1	66.4	66.6	66.7	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.3	67.7	67.8	67.8	67.8	67.8	66.66
M.	66.01	65.85	65.74	65.63	65.60	65.66	65.75	65.82	65.94	66.07	66.15	66.21	66.25	66.27	66.27	66.27	66.24	66.25	66.32	66.44	66.46	66.44	66.42	66.27	66.10

September 1913. Stündliche Barometerstände (500 mm+). Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	67.8	67.4	67.4	67.3	67.3	67.4	67.4	67.4	67.6	67.7	67.6	67.5	67.4	67.2	67.1	67.1	67.0	67.1	67.2	67.2	67.4	67.5	67.4	67.2	67.36
2	67.2	67.2	67.1	67.0	66.9	67.0	67.1	67.2	67.3	67.4	67.4	67.4	67.3	67.3	67.3	67.3	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.26
3	67.4	67.3	67.3	67.4	67.5	67.7	67.8	68.1	68.3	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.7	68.6	68.6	68.5	68.24
4	68.4	68.4	68.3	68.2	68.1	68.2	68.3	68.5	68.7	68.7	68.5	68.4	68.3	68.3	68.3	68.2	68.2	67.9	67.9	67.8	67.5	67.4	67.4	67.1	68.13
5	67.0	66.7	66.4	66.3	66.2	66.2	66.2	66.2	66.4	66.6	66.6	66.6	66.5	66.5	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.46
6	66.4	66.4	66.4	66.5	66.6	66.6	66.7	66.8	67.1	67.2	67.4	67.5	67.6	67.6	67.5	67.5	67.6	67.6	67.7	67.7	67.6	67.5	67.5	67.5	67.19
7	67.4	67.4	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.7	67.7	67.7	67.8	68.0	68.1	68.1	68.0	67.9	67.65
8	67.9	67.7	67.7	67.7	67.8	67.9	68.1	68.2	68.4	68.6	68.7	68.8	68.9	68.9	68.9	68.8	68.8	69.0	69.1	**69.2**	**69.2**	**69.2**	**69.2**	69.1	68.57
9	68.9	68.7	68.4	68.3	68.2	68.2	68.1	68.0	68.2	68.2	68.2	68.1	67.9	67.8	67.7	67.4	67.3	67.1	67.0	67.0	66.8	66.4	66.2	66.0	67.67
10	65.6	65.4	64.9	64.7	64.3	63.8	63.6	63.3	63.6	63.4	63.3	63.3	63.5	63.4	63.4	63.5	63.8	63.8	63.9	64.2	64.3	64.5	64.4	64.4	64.01
11	64.3	64.3	64.4	64.3	64.3	64.4	64.6	64.4	64.7	65.0	65.0	65.0	65.1	64.8	64.7	64.7	64.6	64.4	64.4	64.5	64.4	64.3	64.3	64.1	64.54
12	63.8	63.6	63.4	63.2	63.0	63.0	63.2	63.2	63.4	63.4	63.4	63.3	63.2	63.1	63.0	63.0	63.0	63.1	63.1	63.1	62.9	62.7	62.4	62.3	63.12
13	61.9	61.6	61.3	61.0	60.7	60.6	60.6	60.4	60.4	60.2	60.2	60.2	60.0	59.9	59.8	59.7	59.7	59.6	59.4	59.4	59.5	59.3	59.3	59.3	60.17
14	59.3	59.1	58.9	58.8	58.7	58.8	58.9	59.0	59.9	59.0	58.9	58.8	58.5	58.4	58.3	58.2	58.0	58.3	58.4	58.7	58.8	58.7	58.7	58.8	58.71
15	58.8	58.5	58.2	57.6	57.4	57.1	56.8	57.0	57.6	58.2	58.4	58.6	58.7	58.8	58.8	58.9	59.3	59.6	60.1	60.3	60.8	60.9	60.9	60.9	58.84
16	60.9	60.7	60.3	59.9	59.6	59.7	59.5	59.6	59.9	60.3	60.5	60.8	60.8	60.7	60.7	60.5	60.4	60.3	60.2	60.0	59.4	59.0	58.4	58.3	60.02
17	57.9	57.6	56.9	56.4	56.0	**55.9**	56.3	56.2	56.9	57.2	57.6	58.0	58.3	58.5	58.6	58.8	58.8	58.9	59.3	59.5	59.7	59.7	59.7	59.7	58.02
18	59.6	59.5	59.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.5	59.9	60.5	60.8	60.9	61.1	61.4	61.7	61.9	62.2	62.5	62.5	62.5	62.8	60.52
19	62.7	62.6	62.6	62.6	62.8	63.0	63.3	63.4	63.6	63.6	63.9	63.9	63.8	63.7	63.5	63.6	63.7	63.6	63.7	63.9	64.2	64.0	63.9	63.8	63.48
20	63.6	63.5	63.6	63.6	63.5	63.6	63.5	63.8	63.6	63.6	63.7	63.8	63.8	63.7	63.6	63.6	63.5	63.5	63.5	63.3	63.4	63.4	63.1	63.1	63.54
21	63.2	63.3	63.3	63.3	63.2	63.6	63.8	64.1	64.2	64.3	64.4	64.8	64.8	64.8	65.0	65.2	65.4	65.6	65.8	66.0	66.2	66.3	66.4	66.2	64.72
22	66.2	66.2	66.0	65.8	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.0	66.0	66.1	66.0	66.0	66.0	65.9	65.8	65.6	65.5	65.95
23	65.3	65.1	64.9	64.7	64.7	64.6	64.6	64.6	64.7	64.7	64.6	64.6	64.6	64.6	64.7	64.6	64.7	64.9	65.1	65.2	65.2	65.2	64.9	64.7	64.81
24	64.7	64.6	64.7	64.7	64.8	65.0	65.1	65.4	65.6	65.7	65.7	65.8	65.7	65.8	65.8	65.7	66.0	66.0	66.1	66.2	66.3	66.2	66.1	66.1	65.57
25	66.1	65.9	66.0	65.9	66.0	66.1	66.3	66.4	66.9	67.2	67.3	67.4	67.4	67.4	67.2	67.1	67.1	67.1	67.0	67.0	67.0	67.0	67.0	66.7	66.77
26	66.6	66.4	66.1	66.1	66.2	66.2	66.4	66.6	66.8	66.9	66.9	67.1	67.0	67.0	67.0	67.0	66.9	67.1	67.0	67.0	67.0	67.0	66.9	66.7	66.73
27	66.5	66.0	65.8	65.7	65.6	65.6	65.5	65.6	65.7	65.8	65.8	65.7	65.6	65.6	65.6	65.7	65.7	65.9	66.0	66.3	66.3	66.2	66.0	66.0	65.84
28	65.8	65.6	65.6	65.4	65.4	65.4	66.5	65.6	65.8	65.9	66.0	66.1	66.1	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.1	66.1	66.0	66.0	65.87
29	65.9	65.8	65.8	65.8	65.8	65.9	66.0	66.0	65.8	65.8	65.8	65.7	65.6	65.5	65.4	65.4	65.2	65.2	65.2	65.1	64.8	64.6	64.5	64.4	65.46
30	64.1	63.6	63.2	62.9	62.6	62.6	62.5	62.3	62.2	62.1	62.0	62.1	62.1	62.1	62.0	61.9	62.0	62.1	62.1	62.2	62.4	62.5	62.6	62.7	62.45
M.	64.71	64.54	64.39	64.25	64.18	64.21	64.27	64.33	64.50	64.59	64.65	64.72	64.72	64.69	64.65	64.64	64.68	64.71	64.79	64.86	64.88	64.81	64.72	64.65	64.59

Oktober 1913. (500 mm+). Säntis.

Tag	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Tages-mittel
1	62.9	62.7	62.5	62.6	62.5	62.6	62.6	62.6	62.5	62.4	62.4	62.5	62.5	62.5	62.4	62.3	62.3	62.5	62.6	62.7	62.8	63.1	63.2	63.3	62.63
2	63.4	63.4	63.4	63.5	63.5	64.0	64.4	64.8	65.1	65.2	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.8	65.9	66.0	66.1	66.2	66.3	66.3	65.07
3	66.3	66.1	66.0	66.1	66.1	66.2	66.4	66.8	66.8	66.9	66.9	66.9	66.8	66.8	66.8	66.5	66.4	66.3	66.1	66.1	66.1	66.1	65.9	65.7	66.38
4	65.5	65.2	64.7	64.3	64.1	63.9	63.8	63.6	63.4	63.1	63.0	62.6	62.2	61.9	61.4	61.1	60.7	60.6	60.5	60.3	60.0	59.9	59.8	59.2	62.26
5	59.2	59.0	58.7	58.7	58.5	58.4	58.4	58.5	58.5	58.5	58.6	58.4	58.2	58.2	58.2	58.2	**58**.1	58.2	58.4	58.9	59.1	58.9	58.9	58.7	58.56
6	58.7	58.4	58.5	58.6	58.7	58.7	59.1	59.4	59.6	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.6	60.6	60.7	61.0	61.0	61.1	61.1	59.90
7	61.1	61.0	61.1	61.3	61.5	61.6	61.6	61.8	61.9	62.2	62.4	62.2	62.1	62.0	61.7	61.6	61.6	61.7	61.8	61.8	61.7	61.6	61.3	61.0	61.45
8	60.9	60.6	60.1	60.0	59.9	59.8	59.6	59.4	59.7	59.9	59.6	59.2	58.9	59.0	58.8	58.7	58.7	58.4	58.5	58.9	59.0	59.3	59.7	59.9	59.44
9	59.9	60.0	60.2	60.2	60.3	60.4	61.0	61.3	61.7	61.7	61.7	61.9	62.2	62.3	62.5	62.5	62.6	63.0	63.1	63.2	63.5	63.5	63.5	63.4	61.90
10	63.4	63.2	63.0	62.8	62.7	62.7	62.8	63.0	62.9	62.8	62.8	63.0	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.7	63.9	64.0	64.0	63.17
11	64.2	64.3	64.4	64.5	64.6	64.9	65.0	65.4	65.5	65.7	66.0	66.2	66.3	66.7	66.6	66.5	66.8	67.0	67.4	67.4	67.4	67.5	67.3	67.4	66.04
12	67.5	67.5	67.5	67.5	67.3	67.4	67.5	67.8	67.9	68.0	68.0	67.9	67.8	67.9	68.0	68.1	68.3	68.5	68.7	68.8	68.9	68.9	68.9	68.9	68.06
13	68.8	68.7	68.6	68.5	68.5	68.5	68.7	68.9	68.9	68.7	68.8	68.8	68.6	68.6	68.7	68.8	68.7	68.7	68.6	68.8	68.7	68.8	68.6	68.5	68.69
14	68.4	68.0	67.6	67.5	67.4	67.6	68.0	68.4	68.7	68.8	69.0	69.2	69.4	69.6	69.6	69.6	69.5	69.4	69.5	69.5	69.5	69.5	69.3	69.2	68.83
15	69.1	68.8	68.5	68.3	68.1	67.9	67.8	67.7	67.5	67.3	67.2	66.8	66.5	66.0	65.9	65.5	65.2	65.1	64.9	64.8	65.3	65.4	65.4	65.7	66.70
16	65.7	65.6	65.3	65.3	65.6	65.7	66.2	66.5	66.8	67.1	67.2	67.1	67.1	67.2	67.3	67.5	68.7	68.1	68.2	68.3	68.3	68.4	68.3	68.3	67.03
17	68.3	68.1	67.8	67.7	67.7	67.6	67.9	67.7	68.1	68.4	68.5	68.5	68.4	68.5	68.4	68.3	68.5	68.7	68.6	68.7	68.7	68.6	68.6	68.6	68.29
18	68.5	68.3	68.2	68.1	68.1	68.1	68.2	68.3	68.3	68.4	68.5	68.4	68.3	68.2	68.2	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.0	68.22
19	67.8	67.7	67.5	67.3	67.0	66.8	66.7	66.6	66.6	66.4	66.3	66.0	65.9	65.9	65.8	65.7	65.8	66.0	65.8	65.8	65.8	65.8	65.8	65.9	66.36
20	66.0	65.8	65.7	65.6	65.4	65.4	65.5	65.5	65.4	65.5	65.5	65.3	65.3	65.4	65.3	65.2	65.1	65.1	65.0	65.0	65.1	65.0	65.0	64.8	65.33
21	64.6	64.3	64.2	64.2	64.1	64.0	64.0	64.0	64.0	63.8	63.6	63.1	62.7	62.6	62.7	62.6	62.2	62.3	62.3	62.5	62.8	62.6	62.7	63.1	63.29
22	63.2	63.0	62.7	62.6	62.5	62.5	62.1	62.2	62.0	61.9	62.0	61.7	61.7	61.7	61.7	61.5	61.5	61.9	62.2	62.8	63.0	63.2	63.4	63.4	62.35
23	63.5	63.7	63.8	64.1	64.1	64.1	64.3	64.8	65.1	65.3	65.6	65.6	65.8	66.1	66.3	66.6	66.9	67.5	67.6	67.6	67.9	68.0	68.2	68.5	65.88
24	68.5	68.5	68.4	68.3	68.1	68.2	68.5	68.9	69.0	69.1	69.2	69.1	69.1	69.1	69.3	69.5	69.5	69.5	69.5	69.6	69.7	69.9	69.8	69.7	69.08
25	69.6	69.5	69.6	69.6	69.6	69.7	69.7	70.0	**70**.2	**70**.2	**70**.2	70.0	69.7	69.7	69.6	69.6	69.6	69.6	69.6	69.7	69.8	69.4	68.7	68.5	69.64
26	68.2	67.9	67.4	67.5	67.2	67.0	67.0	67.0	66.9	66.8	66.7	66.6	66.1	65.8	65.6	64.9	65.1	65.7	65.8	66.0	65.9	66.0	66.1	66.2	66.47
27	66.1	65.7	65.6	65.5	65.4	65.5	65.5	65.4	65.2	65.0	65.1	64.8	64.6	64.2	64.1	64.0	63.7	63.8	63.9	63.9	64.1	64.0	64.0	63.9	64.71
28	63.9	63.8	63.6	63.4	63.0	62.7	62.5	62.4	62.2	62.2	62.1	62.0	61.8	61.8	61.8	61.4	61.1	61.3	61.2	61.0	60.8	60.8	60.6	60.1	61.98
29	59.7	59.6	59.3	59.1	59.1	59.1	59.4	59.4	59.5	59.5	59.2	59.3	59.2	59.3	59.4	59.3	58.9	58.4	58.7	58.4	58.5	58.7	58.7	59.0	59.11
30	58.9	59.3	59.1	**58**.1	58.4	58.7	59.3	59.6	59.7	59.9	59.9	60.0	60.2	60.4	60.6	60.8	61.1	61.4	61.7	61.8	62.3	62.6	62.7	62.8	60.39
31	62.9	62.9	63.0	63.0	63.1	63.2	63.7	64.0	64.3	64.6	64.9	64.9	65.1	65.4	65.6	65.6	65.6	65.8	65.8	65.7	65.7	65.8	65.8	65.9	64.68
M.	64.67	64.53	64.39	64.32	64.26	64.29	64.43	64.57	64.64	64.69	64.72	64.63	64.55	64.57	64.55	64.48	64.46	64.60	64.64	64.72	64.82	64.85	64.82	64.81	64.58

November 1913. **Stündliche Barometerstände** (500 mm +). **Säntis.**

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	65.9	65.9	65.8	65.7	65.6	65.6	65.8	65.8	65.8	65.9	66.0	65.8	65.8	65.7	65.8	65.7	65.7	65.6	65.4	65.3	65.4	65.5	65.6	65.6	65.70
2	65.7	65.8	65.2	65.8	65.7	65.8	66.2	66.4	66.5	66.6	66.8	66.9	67.1	67.0	67.0	67.1	67.5	67.5	67.5	67.4	67.5	67.5	67.5	67.5	66.73
3	67.6	67.6	67.5	67.2	67.2	67.2	67.3	67.4	67.3	67.2	67.2	67.1	67.0	66.8	66.7	66.4	66.3	66.3	66.1	66.1	66.2	65.9	65.8	65.6	66.79
4	65.4	65.4	65.0	64.7	64.6	64.5	64.7	65.0	65.0	65.0	65.0	64.4	64.1	63.9	63.7	63.6	63.7	63.8	63.6	63.2	63.0	63.0	62.6	62.4	64.14
5	62.1	61.9	61.4	61.3	61.4	61.3	61.3	61.3	61.1	61.1	61.0	60.4	60.2	60.0	59.6	59.2	59.2	58.8	58.2	58.1	57.8	57.6	57.3	57.2	59.95
6	56.8	56.6	56.0	55.9	56.0	55.8	55.9	56.0	56.0	56.0	56.0	55.6	55.3	55.1	55.0	55.0	55.0	55.0	54.8	54.7	54.5	54.4	54.4	54.2	55.42
7	53.8	53.6	53.6	53.6	53.5	53.2	52.8	62.8	52.8	52.9	53.0	52.9	52.9	52.9	53.0	53.3	53.7	54.0	54.4	54.5	54.9	55.3	55.5	56.0	54.12
8	56.1	56.4	56.6	56.9	57.2	57.7	58.1	58.3	58.4	58.7	58.7	58.7	58.8	58.7	58.8	58.8	58.8	59.3	58.8	59.3	59.8	59.6	59.7	59.9	58.42
9	60.0	60.1	60.2	60.4	60.5	60.6	60.7	61.0	61.2	61.4	61.5	61.3	61.4	61.4	61.4	61.4	61.6	61.6	61.9	62.0	62.0	62.0	61.9	61.28	
10	61.8	61.9	61.7	61.7	61.8	61.9	62.1	62.3	62.3	62.5	62.6	62.4	62.4	62.3	62.2	62.2	62.1	62.3	62.3	62.3	62.4	62.2	62.3	62.2	62.17
11	61.9	61.9	61.8	61.8	61.9	61.9	62.0	62.0	62.0	61.9	61.9	61.7	61.5	61.3	61.7	61.7	62.0	61.9	61.8	61.7	61.9	62.0	62.2	62.4	61.87
12	62.4	62.4	62.0	61.9	61.6	61.6	61.2	60.8	60.4	60.4	60.2	59.8	59.1	58.7	58.4	57.9	57.9	57.8	57.9	57.6	57.7	57.8	57.6	57.8	59.60
13	57.1	56.0	55.5	55.2	55.1	54.7	54.4	53.9	53.8	53.4	53.1	52.9	52.6	52.3	52.3	51.9	51.7	51.7	**51.4**	**51.4**	51.6	51.7	51.9	51.9	53.23
14	52.0	52.3	52.2	52.2	52.3	52.7	53.1	53.4	53.6	53.9	54.0	54.1	53.9	53.6	53.7	53.4	53.0	53.3	53.6	53.4	53.4	53.6	53.8	54.0	53.27
15	53.9	54.2	54.0	54.2	54.5	54.6	54.8	54.8	55.3	55.2	54.7	55.1	55.3	55.0	55.5	56.1	56.7	56.7	57.3	57.6	58.2	58.6	58.4	58.7	55.81
16	58.7	58.4	58.3	57.7	57.8	58.1	58.2	58.3	58.3	58.4	58.2	58.6	58.7	59.0	59.6	60.2	60.4	61.1	61.6	62.1	62.3	62.6	63.2	63.3	59.71
17	63.2	63.3	63.5	64.1	64.2	64.6	65.2	65.4	65.4	65.3	65.3	65.6	66.3	67.0	67.4	67.8	68.0	68.4	68.5	68.8	68.9	69.0	69.1	69.0	66.39
18	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.6	69.5	69.3	69.2	69.1	68.8	68.6	68.3	68.3	68.2	68.2	68.2	68.1	68.3	68.0	67.8	67.8	68.74
19	67.6	67.5	67.5	67.4	67.7	67.8	68.1	68.2	68.2	68.6	68.6	68.4	68.6	68.9	69.2	69.3	69.2	69.4	69.5	69.6	69.6	69.6	69.5	69.5	68.65
20	69.5	69.5	69.4	69.3	69.2	69.2	69.2	69.3	69.6	70.0	69.9	69.8	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	70.0	69.8	69.8	69.7	69.65
21	69.6	69.6	69.2	68.8	68.7	68.5	68.5	68.5	68.5	68.5	68.4	68.3	68.2	67.9	67.9	67.7	67.6	67.6	67.4	67.2	66.9	66.7	66.6	66.4	68.05
22	66.3	66.2	66.1	66.1	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.4	66.3	66.2	66.2	66.3	66.4	66.5	66.7	66.7	66.7	66.6	66.7	66.6	66.38
23	66.4	66.2	66.1	65.8	65.7	65.6	65.5	65.4	65.3	65.2	65.0	64.5	64.2	63.8	63.6	63.2	63.0	62.7	62.5	62.2	62.1	61.9	61.6	61.3	64.12
24	61.0	60.9	60.5	60.3	60.2	59.8	59.8	60.0	60.1	60.2	59.9	59.7	59.6	59.6	59.7	59.8	59.8	59.9	60.1	60.1	60.3	60.3	60.4	60.8	60.12
25	61.1	61.5	61.7	61.7	62.0	62.2	62.7	63.1	63.6	64.0	64.2	64.3	64.3	64.4	64.5	64.7	65.0	65.2	65.3	65.5	65.5	65.5	65.5	65.4	63.87
26	65.3	65.4	65.3	65.2	65.2	65.2	65.4	65.7	65.8	66.0	66.0	66.0	65.9	65.9	66.0	66.3	66.7	67.0	67.0	67.2	67.3	67.3	67.3	67.2	66.15
27	67.1	67.3	67.1	66.9	66.6	66.7	66.8	67.0	66.7	66.6	66.2	65.5	65.4	65.2	65.0	65.0	65.4	65.6	65.4	65.6	65.9	65.8	65.7	65.5	66.08
28	65.6	65.4	65.1	65.0	65.3	65.3	65.4	65.8	66.1	66.3	66.6	67.2	67.2	66.8	66.8	67.0	67.5	67.9	68.0	68.0	68.1	68.3	68.2	68.2	66.71
29	68.1	68.3	68.1	68.3	68.3	68.4	68.6	68.7	69.0	69.4	69.5	69.6	69.5	69.2	69.5	69.8	69.9	70.0	70.0	70.0	70.1	70.0	70.2	70.2	69.30
30	70.3	70.3	70.3	70.2	70.0	70.4	70.6	70.7	70.9	71.0	**71.0**	70.8	70.7	70.5	70.4	70.3	70.2	69.9	69.9	69.7	69.5	69.2	69.1	68.9	70.20
M.	63.04	63.03	62.86	62.82	62.84	62.88	63.00	63.41	63.16	63.25	63.21	63.10	63.08	62.91	62.95	62.97	63.06	63.16	63.16	63.18	63.26	63.24	63.24	63.22	63.08

Dezember 1913. (500 mm +). **Säntis.**

Tag	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Tages-mittel
1	68.6	68.5	68.1	67.9	67.8	67.4	67.5	67.5	67.4	67.4	67.1	66.9	66.8	66.0	65.9	65.9	65.7	65.4	65.4	64.9	64.9	64.8	65.0	64.6	66.54
2	64.4	64.4	64.7	64.7	64.8	65.0	65.0	65.3	65.5	65.7	65.7	65.5	65.3	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.4	65.3	65.4	65.4	65.23
3	65.4	65.3	65.1	64.9	64.7	64.9	65.0	64.9	64.9	65.3	65.3	65.3	65.1	64.9	64.9	64.7	64.6	64.4	64.4	64.2	63.8	63.4	63.3	62.8	64.65
4	62.3	62.0	61.7	61.1	60.7	60.3	59.8	59.6	59.5	59.3	59.3	59.1	58.5	58.3	57.8	57.6	57.2	56.8	56.4	56.7	56.6	56.3	56.9	57.2	58.79
5	56.6	56.7	56.4	56.9	57.5	57.4	57.4	57.5	57.8	57.8	57.5	56.9	56.9	56.6	56.0	56.0	55.8	55.7	54.8	54.0	53.7	53.8	54.1	54.0	56.16
6	54.0	54.2	54.6	54.3	54.1	53.8	53.2	53.0	52.7	52.7	52.2	52.3	51.9	51.7	52.0	52.1	51.9	52.1	52.4	52.7	52.8	52.8	52.8	52.9	52.88
7	52.9	53.1	53.0	53.0	53.2	53.4	53.9	54.5	54.9	55.4	55.4	55.3	55.5	55.6	55.8	56.1	56.4	56.7	56.9	57.2	57.8	58.3	58.7	58.7	55.49
8	58.6	59.0	59.2	59.3	59.9	60.3	60.9	61.5	62.1	62.4	62.5	62.4	62.4	62.6	62.9	63.3	63.7	64.2	64.5	64.9	65.3	65.3	65.6	65.7	62.44
9	65.8	66.1	66.0	65.7	65.8	65.9	66.2	66.4	66.6	66.7	66.6	66.4	66.2	66.2	66.2	66.1	66.3	66.3	66.2	66.1	65.5	65.2	64.8	64.8	65.98
10	63.8	63.0	62.4	62.1	61.8	61.7	61.6	61.2	61.2	61.5	61.5	61.6	61.0	60.8	60.4	60.6	60.7	60.7	60.6	60.7	60.2	59.7	60.0	60.1	61.18
11	60.4	60.4	60.2	60.0	60.3	60.5	60.8	61.3	61.8	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.8	63.0	63.1	63.2	63.1	63.3	63.4	63.0	62.03
12	63.0	63.0	63.2	62.9	62.9	62.9	62.8	62.9	63.2	63.2	63.0	62.6	62.5	62.4	62.7	63.0	63.4	63.3	63.4	63.6	63.4	63.4	63.3	63.0	63.04
13	63.1	63.3	63.4	63.3	63.2	63.2	63.1	63.0	62.9	63.0	62.6	62.3	62.2	62.1	62.3	62.2	62.3	62.5	62.7	63.0	63.2	63.2	63.1	63.1	62.84
14	62.9	62.8	63.0	63.1	62.9	63.0	63.1	63.0	63.3	63.7	63.9	63.8	63.5	63.2	63.0	62.3	62.1	61.7	61.6	61.9	61.6	61.5	61.4	61.2	62.65
15	61.4	62.0	62.0	62.5	62.8	63.3	63.5	63.9	64.0	64.2	64.2	64.2	64.1	64.1	64.3	64.5	64.7	65.2	65.2	65.1	65.1	65.2	65.4	65.4	64.01
16	65.3	65.4	65.2	65.1	64.9	64.9	65.0	65.0	65.0	65.1	64.7	64.1	63.9	63.7	63.7	63.7	63.6	63.4	63.2	63.1	62.9	62.5	61.8	62.1	64.05
17	61.9	61.8	61.8	61.4	61.3	60.9	60.8	60.6	60.7	60.9	60.8	60.7	60.6	60.4	60.5	60.6	60.6	60.6	60.8	60.8	60.7	60.7	60.8	60.7	60.89
18	60.7	60.8	60.6	60.5	60.5	60.5	60.5	60.6	60.7	60.9	60.8	60.6	60.8	60.0	60.0	60.0	59.9	59.9	59.9	59.9	59.9	59.7	59.5	59.4	60.25
19	59.3	59.3	59.3	59.3	59.6	59.8	60.1	60.5	60.7	61.1	61.1	61.1	61.1	61.1	61.2	61.6	62.3	62.6	63.0	63.3	63.9	64.5	65.0	64.9	61.49
20	64.9	65.0	65.1	65.1	65.0	65.2	65.3	65.5	65.9	66.0	66.1	66.1	66.0	66.1	66.3	66.5	66.8	67.0	67.3	67.5	67.7	68.1	68.3	68.3	66.29
21	68.4	68.6	68.6	68.5	68.6	68.7	68.9	69.1	69.3	69.7	69.7	69.7	69.6	69.5	69.5	69.4	69.5	69.6	69.7	69.8	69.9	69.8	**69.9**	69.8	69.33
22	69.8	69.7	69.5	69.3	69.1	69.1	69.0	69.0	68.9	69.0	69.0	68.6	68.2	67.7	67.5	67.1	66.7	66.5	66.3	65.9	65.6	65.4	64.9	64.4	67.76
23	64.0	63.6	63.2	62.5	62.0	61.6	61.5	61.4	61.3	61.2	60.8	60.3	59.8	59.1	58.9	58.7	58.5	58.4	58.4	58.3	58.1	57.9	57.7	57.3	60.19
24	56.8	56.6	56.4	55.7	55.4	55.4	55.3	55.3	55.3	55.1	55.0	54.7	53.9	53.6	53.4	53.2	52.7	52.7	52.9	53.0	52.9	53.3	54.0	54.5	54.46
25	54.6	55.0	55.2	55.4	55.8	56.2	56.6	57.3	57.7	58.5	58.9	58.9	58.8	59.1	59.7	60.1	60.6	60.9	61.2	61.6	61.9	62.6	63.1	63.2	58.87
26	63.2	63.5	63.5	63.9	64.0	64.7	64.9	65.0	65.3	65.6	65.5	65.5	65.4	65.4	65.4	65.5	65.8	65.7	65.7	65.7	65.6	65.5	65.3	65.1	65.03
27	64.5	64.3	64.1	63.5	62.8	62.6	62.4	61.6	61.5	61.4	60.4	59.5	59.3	58.8	59.1	59.1	58.9	58.4	58.3	57.4	57.7	57.3	57.2	56.9	60.29
28	56.6	56.3	55.9	55.2	54.3	53.6	52.6	51.7	50.7	49.8	48.7	47.4	47.0	46.5	46.6	46.6	46.5	46.2	45.9	46.5	46.4	46.4	46.7	46.4	49.60
29	46.2	46.2	46.1	45.4	45.1	45.0	44.8	44.8	44.6	44.6	44.5	44.1	43.5	43.4	**43.2**	43.4	43.4	43.3	43.3	43.3	43.5	43.5	43.7	43.7	44.27
30	43.7	43.8	43.8	43.8	43.9	44.1	44.4	44.6	45.3	45.5	45.6	45.7	45.8	46.1	46.5	46.9	47.4	47.7	48.3	48.6	49.0	49.2	49.6	49.9	46.22
31	50.1	50.5	50.9	51.2	51.4	51.8	52.1	52.7	53.2	53.6	53.8	54.1	54.3	54.6	55.0	55.4	55.5	55.8	56.0	56.4	56.5	56.6	56.7	56.8	53.96
M.	60.43	60.46	60.39	60.24	60.20	60.23	60.26	60.33	60.45	60.60	60.47	60.27	60.05	59.90	59.96	60.01	60.06	60.07	60.11	60.15	60.15	60.15	60.24	60.15	60.22

1913. **Tägliche Maxima und Minima der Barometerstände.** Säntis.

Tag	Januar		Februar		März		April		Mai		Juni		Juli		August		September		Oktober		November		Dezember	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	66.4	64.3	60.1	57.1	60.9	59.0	61.1	59.3	62.3	58.7	67.4	65.8	66.9	66.0	67.1	64.4	67.8	67.0	63.3	62.3	66.0	65.3	68.6	64.6
2	63.9	61.0	59.8	55.0	64.7	60.7	61.2	58.8	58.6	58.0	68.4	67.0	66.2	63.5	67.6	66.4	67.4	66.9	66.3	63.4	67.5	65.2	65.7	64.4
3	63.5	60.9	68.3	59.6	65.9	64.3	58.6	57.6	57.6	55.6	69.6	67.7	63.2	62.2	66.7	66.2	68.8	67.3	66.9	65.7	67.6	65.6	65.4	62.8
4	65.2	63.6	70.0	67.8	67.0	64.2	57.5	54.0	55.4	51.9	69.5	66.6	61.9	61.3	66.3	65.4	68.7	67.1	65.5	59.2	65.4	62.4	62.3	56.3
5	67.5	65.2	68.6	64.3	70.2	66.5	54.6	52.4	51.7	**50.0**	66.9	65.7	62.4	61.4	65.3	64.0	67.0	66.2	59.2	**58.1**	62.1	57.2	57.8	53.7
6	**67.6**	66.2	65.8	63.7	70.0	68.3	53.8	52.9	53.8	51.2	65.6	64.7	61.4	59.2	63.6	61.3	67.7	66.4	61.1	58.4	56.8	54.2	54.6	51.7
7	66.3	64.4	68.3	65.7	68.0	64.3	53.0	51.4	58.0	53.6	67.7	65.4	61.1	59.1	63.3	61.7	68.1	67.3	62.4	61.0	62.8	52.8	58.7	52.9
8	64.4	62.4	69.5	65.8	63.9	61.2	55.2	52.9	59.7	57.9	67.8	67.2	61.5	60.6	62.9	62.1	**69.2**	67.7	60.9	58.4	59.9	56.1	65.7	58.6
9	63.3	60.4	71.8	69.2	68.2	63.5	57.4	54.3	60.7	59.6	68.1	67.3	64.8	61.7	61.9	**60.5**	68.9	66.0	63.5	59.9	62.0	60.0	66.7	64.3
10	60.3	57.2	**72.0**	71.4	**70.6**	68.0	57.2	54.6	60.6	59.2	67.9	66.0	63.7	58.7	65.7	61.8	65.6	63.3	64.0	62.7	62.6	61.7	63.8	59.7
11	57.0	53.7	71.4	70.0	70.0	68.7	54.7	51.3	62.5	58.7	66.7	65.2	62.0	**58.0**	67.3	65.5	65.1	64.1	67.5	64.2	62.4	61.3	63.4	60.0
12	55.0	51.6	70.0	67.4	68.9	65.6	50.9	**45.3**	63.5	62.4	66.8	65.1	66.6	62.0	66.4	65.9	63.8	62.3	68.9	67.3	62.4	57.3	63.6	62.4
13	56.9	54.6	67.0	64.4	65.5	64.5	54.4	50.4	64.1	62.4	68.6	66.4	**69.3**	66.4	65.9	64.9	61.9	59.3	68.9	68.5	57.1	**51.4**	63.4	62.1
14	56.9	55.9	64.0	59.7	66.3	65.0	57.3	54.3	64.4	63.7	69.8	68.4	68.9	65.9	64.7	62.6	59.3	58.0	69.6	67.4	54.1	52.0	63.9	61.2
15	56.3	55.6	59.4	58.6	67.1	64.9	58.2	56.2	64.3	63.3	**70 8**	69.2	65.7	63.2	63.6	62.7	60.9	56.8	69.1	64.8	58.7	53.9	65.4	61.4
16	56.5	55.5	58.5	54.7	66.2	62.9	58.2	57.1	63.1	59.1	70.5	69.6	63.4	62.1	64.9	63.0	60.9	58.3	68.4	65.3	63.3	57.7	65.4	61.8
17	56.2	55.2	54.5	**51.5**	62.2	52.2	57.0	55.8	59.1	58.2	69.6	69.0	68.2	63.2	67.0	64.3	59.7	**55.9**	68.7	67.6	69.1	63.2	61.9	60.4
18	57.9	54.2	55.0	52.3	51.9	**50.1**	60.2	56.3	60.1	57.9	68.9	67.7	68.1	66.3	68.0	66.6	62.8	59.1	68.5	68.0	69.6	67.8	60.9	59.4
19	59.4	56.9	55.8	53.2	54.0	50.8	60.3	59.0	61.6	59.8	67.7	66.9	66.7	64.4	67.9	66.0	64.2	62.6	67.8	65.7	69.6	67.4	65.0	59.3
20	56.9	52.1	56.5	55.6	60.6	54.7	62.5	58.4	65.3	61.4	66.7	64.0	65.0	63.3	65.7	64.8	63.8	63.1	66.0	64.8	70.0	69.2	68.3	64.9
21	51.7	**50.0**	59.2	56.2	62.7	60.1	63.6	61.4	66.1	64.8	63.7	63.0	66.0	64.6	68.2	65.5	66.4	63.2	64.6	62.2	69.6	66.4	**69.9**	68.4
22	59.4	51.9	61.3	59.0	62.6	58.6	64.4	62.9	66.3	64.5	66.1	62.7	65.7	61.8	69.7	68.0	66.2	65.5	63.4	61.5	66.7	66.0	69.8	64.4
23	61.0	57.5	62.8	61.3	58.5	54.7	62.7	60.6	66.7	65.8	67.5	66.0	61.9	58.9	69.4	68.7	65.3	64.6	68.5	63.5	66.4	61.3	64.0	57.3
24	61.6	60.1	63.1	62.1	61.0	53.7	60.5	59.3	69.7	66.4	66.9	65.3	62.7	58.5	69.8	69.0	66.3	64.6	69.9	68.1	61.0	59.6	56.8	52.7
25	61.2	59.3	62.8	60.7	63.0	61.0	59.8	58.6	71.0	68.9	64.8	**61.2**	65.0	62.8	70.9	69.0	67.4	65.9	**70.2**	68.5	65.5	61.1	63.2	54.6
26	62.9	61.0	60.7	57.4	62.4	58.1	60.7	59.4	**71.8**	70.7	66.3	61.6	68.2	64.8	**72.0**	70.6	67.1	66.1	68.2	64.9	67.3	65.2	65.8	63.2
27	62.8	61.1	57.1	54.2	58.2	56.2	61.8	59.0	70.9	68.8	65.9	64.0	**69**.3	68.2	71.1	69.7	66.5	65.5	66.1	63.7	67.3	65.0	64.5	56.9
28	60.9	59.5	59.1	55.0	59.7	55.4	66.0	61.9	69.0	67.5	68.4	63.6	68.7	67.6	69.6	67.8	66.2	65.4	63.9	60.1	68.2	65.0	56.6	45.9
29	60.3	58.0			62.8	59.1	**66.6**	65.7	68.7	68.4	67.8	66.5	67.5	66.1	67.6	65.9	66.0	64.4	59.7	58.4	70.2	68.1	46.2	**43.2**
30	58.8	57.2			63.1	61.2	65.5	62.5	68.3	67.3	67.1	66.3	65.9	64.7	65.5	64.2	64.1	61.9	62.8	**58.1**	**71.0**	68.9	49.9	43.7
31	58.5	53.0			61.2	60.2			67.1	66.1			64.9	63.5	67.8	65.4			65.9	62.9			56.8	50.1
Mittl. Max.	60.5		63.2		63.8		59.2		63.3		67.7		65.3		66.9		65.4		65.8		64.7		62.4	
Mittl. Min.	58.0		60.5		60.6		56.8		61.3		65.8		62.9		65.3		63.7		63.4		61.6		58.1	
Differenz	2.5		2.7		3.2		2.4		2.0		1.9		2.4		1.6		1.7		2.4		3.1		4.3	
Abs. Max.	67.6		72.0		70.6		66.6		71.8		70.8		69.3		72.0		69.2		70.2		71.0		69.9	
Abs. Min.	50.0		51.5		50.1		45.3		50.0		61.2		58.0		60.5		55.9		58.1		51.4		43.2	
Differenz	17.6		20.5		20.5		21.3		21.8		9.6		11.3		11.5		13.3		12.1		19.6		26.7	

1913. **Übersicht über den täglichen Gang des Luftdruckes.** Säntis.

Abweichungen vom Monatsmittel.

	Mittel 500 +	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a	Amplitude
Januar	59.31	.20	.23	.12	.01	−.19	−.16	−.15	−.08	−.02	.04	.02	−.12	**−.30**	−.26	−.19	−.10	−.02	.09	.20	**.24**	.20	.17	.15	.05	.54
Februar	61.86	.05	−.02	−.22	−.28	−.31	**−.34**	−.25	−.11	−.05	.04	.13	.08	−.05	−.10	−.06	−.04	.00	.18	.23	.25	.26	**.29**	.20	.17	.63
März	62.23	−.05	−.19	−.38	**−.44**	**−.44**	−.39	−.30	−.19	.01	.13	.24	.27	.18	.08	.06	.01	.02	.10	.20	.22	**.29**	**.29**	.22	.09	.73
April	58.01	−.04	−.20	−.32	−.42	**−.46**	−.40	−.32	−.24	−.18	−.08	−.05	.02	.07	.11	.11	.10	.13	.17	.26	**.42**	**.42**	.37	.31	.21	.88
Mai	62.27	.01	−.15	−.25	**−.36**	**−.36**	−.31	−.26	−.21	−.16	−.08	.00	.03	.04	.02	.02	.00	.03	.11	.19	.29	**.39**	.38	.37	.28	.75
Juni	66.78	−.04	−.18	−.35	−.37	**−.38**	−.32	−.27	−.19	−.10	.02	.08	.10	.08	.11	.14	.11	.08	.08	.16	.22	**.33**	.31	.22	.10	.71
Juli	64.12	−.05	−.20	−.34	−.40	**−.42**	−.35	−.29	−.22	−.16	−.01	.08	.16	.22	.26	.26	.22	.17	.12	.10	.17	**.30**	.27	.19	.04	.72
August	66.10	−.09	−.25	−.36	−.47	**−.50**	−.44	−.35	−.28	−.16	−.03	.05	.11	.15	.17	.17	.17	.14	.15	.22	.34	**.36**	.34	.32	.17	.86
Septbr.	64.59	.12	−.05	−.20	−.34	**−.41**	−.38	−.32	−.26	−.09	.00	.06	.13	.13	.10	.06	.05	.09	.12	.20	.27	**.29**	.22	.13	.06	.70
Oktbr.	64.58	.09	−.05	−.19	−.26	**−.32**	−.29	−.15	−.01	.06	.11	.14	.05	−.03	−.01	−.03	−.10	−.12	.02	.06	.14	.24	**.27**	.24	.23	.59
Novbr.	63.08	−.04	−.05	−.22	**−.26**	−.24	−.20	−.08	**.36**	.08	.17	.13	.02	−.05	−.17	−.13	−.11	−.02	.08	.08	.10	.18	.16	.16	.14	.62
Dezbr.	60.22	.21	.24	.17	.02	−.02	.01	.04	.11	.23	**.38**	.25	.05	−.17	**−.32**	−.26	−.21	−.16	−.15	−.11	−.07	−.07	−.07	.02	−.07	.70

Januar 1913. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	42.2	WSW 22	WNW 34	WNW 46	WNW 49	WSW 49	WSW 72	WSW 76	WSW 114	WSW 69	WSW 63	WSW 58	WSW 55
2	11.9	S 5	SE 11	ESE 14	E 20	E 16	ESE 12	ENE 14	ESE 16	ESE 10	SSE 5	SSW 5	WSW 9
3	3.8	NW 15	NW 17	NNW 15	NNW 13	N 11	N 4	W 6	W 0	W 0	W 0	W 0	W 0
4	9.5	W 3	W 4	W 4	W 4	W 8	W 10	WNW 9	WNW 7	WNW 9	NE 5	NE 0	NE 0
5	11.3	S 20	S 24	S 21	S 23	S 16	S 14	SW 7	SW 1	SW 0	SW 3	SW 1	SW 2
6	16.6	WNW 16	WNW 11	NNW 16	N 19	N 15	NNE 14	NE 18	NE 16	NE 8	ESE 11	SSE 11	WSW 16
7	9.7	WSW 8	WSW 15	WSW 12	WSW 10	WSW 12	WSW 11	WSW 3	WSW 4	WSW 2	WSW 1	WSW 0	SW 0
8	12.8	ESE 18	ESE 13	SE 4	ESE 17	ESE 17	E 10	SE 0	SE 5	SE 12	ESE 12	SSE 16	SSE 14
9	11.1	SSW 10	W 24	WNW 16	WNW 15	NW 13	NW 14	NW 14	NW 14	NNW 12	NNW 8	NNW 7	NNW 0
10	30.6	NW 22	NW 20	NW 18	NW 21	NW 23	WNW 21	WNW 27	WNW 32	WNW 26	WNW 18	WNW 27	WSW 21
11	31.7	WSW 50	WSW 46	WSW 48	WSW 46	WSW 38	WSW 37	WSW 33	WSW 36	WSW 30	WSW 30	WSW 32	WSW 28
12	29.5	WSW 23	WSW 19	WSW 16	WSW 37	WSW 44	WSW 40	WSW 32	W 46	WSW 56	WSW 49	WSW 54	SW 27
13	22.3	WSW 10	WSW 12	WNW 13	W 14	W 11	W 10	WSW 18	WSW 14	WSW 42	WSW 46	WSW 50	WSW 34
14	11.3	SW 14	SW 13	SW 11	SW 8	SW 10	SW 7	WSW 8	SW 8	WSW 15	WSW 10	WSW 11	SW 13
15	19.5	SSE 16	S 12	SSW 15	SSW 21	SW 18	WSW 18	SSW 16	SSW 26	SSW 21	SSW 19	SSW 16	SW 20
16	32.2	WSW 14	WSW 16	SW 16	SSE 18	SSE 18	SSW 20	WSW 13	WSW 6	WSW 19	WSW 30	WSW 29	WSW 19
17	48.1	WSW 62	WSW 54	WSW 68	WSW 52	WSW 36	WSW 64	WSW 56	WSW 68	WSW 44	WSW 30	WSW 48	WSW 44
18	27.5	WSW 33	WSW 25	WSW 18	WSW 21	WSW 34	WSW 36	WSW 30	WSW 22	WSW 26	WSW 30	WSW 36	WSW 26
19	27.0	WSW 18	WSW 28	WSW 25	WSW 24	WSW 24	WSW 20	WSW 30	WSW 22	WSW 57	WSW 31	WSW 32	SW 23
20	33.9	SW 7	SW 4	SW 11	SSW 22	SSW 26	SW 27	WSW 31	SW 34	SW 24	WSW 38	WSW 46	WSW 30
21	51.5	WSW 47	WSW 53	WSW 49	WSW 46	WSW 47	WSW 39	WSW 34	WSW 54	WSW 68	WSW 62	WSW 62	WSW 64
22	27.5	WSW 36	WSW 38	WSW 32	WSW 26	SSW 24	S 20	WSW 30	SW 22	WSW 36	SW 36	SW 43	WSW 31
23	37.2	WSW 22	WSW 21	WSW 23	WSW 25	WSW 27	WSW 17	WSW 31	WSW 60	WSW 47	SW 47	SW 50	SW 50
24	43.0	SSW 28	S 28	SSE 30	SSE 28	SSE 26	SSE 21	WSW 33	WSW 28	WSW 36	WSW 46	WSW 46	WSW 38
25	63.2	WSW 52	WSW 47	WSW 55	WSW 84	WSW 84	WSW 83	WSW 73	WSW 84	WSW 74	WSW 74	WSW 78	WSW 78
26	19.0	SSE 26	SSE 25	SSE 25	SSE 22	SSE 20	S 13	WSW 30	WSW 27	WSW 36	WSW 36	WSW 27	W 10
27	29.3	WSW 8	WSW 9	WSW 8	WSW 11	WSW 3	W 0	NNE 1	W 3	NNE 6	WSW 18	WSW 36	WSW 28
28	20.8	WSW 40	WSW 34	WSW 36	WSW 34	WSW 30	WSW 28	WSW 26	WSW 38	WSW 32	WSW 30	W 25	WNW 15
29	9.3	SW 7	WSW 4	W 3	WSW 4	W 6	W 3	WSW 1	SW 2	W 15	WSW 13	WSW 18	WSW 16
30	12.3	WSW 7	WSW 4	WSW 3	WSW 5	WNW 8	WNW 4	WNW 6	WNW 15	WNW 14	W 11	WSW 11	WSW 7
31	41.3	WSW 22	WSW 24	WSW 12	WSW 12	WSW 16	WSW 31	WSW 35	WSW 46	WSW 44	WSW 52	WSW 60	WSW 58

Februar.

1	35.5	WNW 32	W 30	W 32	W 30	W 23	W 24	WSW 33	WSW 22	WSW 38	WSW 33	WSW 35	SW 26
2	41.7	WSW 32	WSW 28	WSW 50	WSW 52	WSW 56	WSW 64	WSW 51	WSW 59	W 64	WSW 66	WSW 58	WSW 53
3	38.7	WSW 32	WSW 32	WSW 44	WSW 36	WSW 40	WSW 36	WSW 44	WSW 56	WSW 48	WSW 46	WSW 43	WSW 43
4	29.7	WSW 22	WSW 24	WSW 23	WSW 23	WSW 28	WSW 24	WSW 30	WSW 26	WSW 42	WSW 42	WSW 56	WSW 42
5	21.4	SW 16	SW 19	SW 23	SW 23	SW 22	SW 27	SW 20	SW 15	SW 11	SW 13	SW 16	SSW 10
6	15.7	SW 14	SW 10	SW 4	SW 10	SW 14	SW 15	SW 17	SW 28	SW 21	SSW 9	SSW 16	SSW 8
7	23.7	WNW 24	WNW 26	WNW 27	WNW 23	WNW 24	W 30	WSW 26	WSW 30	WSW 34	SW 38	SW 32	SW 34
8	41.7	WSW 42	WSW 54	WSW 50	WSW 51	WSW 53	WSW 50	WSW 68	WSW 82	WSW 60	WSW 52	WSW 56	WSW 62
9	22.8	NW 3	NE 1	NE 1	NE 5	NW 12	NW 19	NE 28	NE 37	NE 20	ENE 17	ENE 15	NE 19
10	19.9	ENE 36	ENE 30	ENE 32	ENE 24	ENE 26	ENE 26	NE 28	ENE 32	ESE 24	NE 22	ENE 22	NE 22
11	28.5	NNW 30	NNW 26	NNW 28	NNW 24	NNW 28	NNW 30	NNW 30	NNW 40	NNW 30	NNW 22	NNW 21	NNW 27
12	38.5	NNE 27	NNE 35	NNE 38	NNE 35	NNE 35	NNE 34	NE 36	NE 50	NE 40	NE 40	NE 42	NE 44
13	38.2	NE 38	NE 47	NE 49	NNE 46	NE 51	NE 45	NE 44	NE 40	NE 42	NE 45	NE 45	NE 32
14	18.1	NNE 20	NNE 14	NNE 12	NNE 11	NNE 10	NNE 9	NE 8	NE 16	NE 20	NNW 20	NE 20	NE 16
15	42.2	NE 49	NE 49	NE 48	NE 48	NE 46	NE 50	NE 47	NE 59	NE 52	NE 44	NE 46	NE 48
16	22.8	WNW 34	WNW 38	WNW 34	WNW 32	WNW 28	WNW 24	NE 25	NE 39	NNE 29	NNE 33	NNE 30	NNE 26
17	17.8	ENE 14	ENE 13	ENE 13	ENE 10	ENE 13	ENE 13	NE 13	ENE 13	ENE 18	NE 20	NE 25	ENE 21
18	1.6	SW 0	SSW 1	S 0	SE 0	E 0	E 0	SSE 0	SSE 3	S 3	S 5	S 8	S 6
19	24.3	ENE 10	ENE 24	ENE 23	ENE 18	ENE 4	NE 13	NW 21	NW 20	NW 7	WSW 7	SW 21	SSW 19
20	12.1	SW 10	SW 8	SW 7	WSW 9	WSW 12	SW 8	SSW 13	SSW 21	S 17	SSE 12	E 9	E 24
21	17.6	SSE 10	S 19	SSW 9	SSW 10	SSW 3	SSW 1	SSW 0	SSW 0	SSE 0	SE 10	ESE 20	ESE 10
22	41.1	ENE 32	ENE 39	ENE 42	ENE 43	ENE 50	ENE 50	ENE 54	ENE 46	ENE 48	ENE 48	ENE 42	ENE 34
23	29.7	ENE 38	W 40	W 36	W 36	W 38	SE 36	ENE 34	ENE 37	E 37	ENE 36	ENE 41	ENE 21
24	6.3	NW 29	NNW 27	NNE 22	NNE 18	NE 19	NE 17	S 12	S 1	S 0	S 0	SSW 0	SSW 0
25	11.0	NW 1	NW 0	NW 0	NW 0	NW 0	NW 2	ESE 8	ENE 7	NW 5	WSW 2	S 14	ENE 18
26	15.8	SW 12	SW 5	SW 6	SW 7	SSW 14	S 18	SSW 19	SW 18	SW 10	SSW 15	SW 19	WSW 12
27	25.4	SW 23	SW 17	SW 16	SW 10	SW 12	SW 14	SW 10	SSW 13	SSW 12	SSE 5	SSW 12	SW 18
28	9.5	WSW 27	WSW 23	WSW 20	WSW 18	WSW 18	WSW 16	WSW 12	WSW 13	W 13	WNW 11	WNW 14	WNW 11

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Januar. Säntis.

Tag	12^{30} p–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	WSW 47	WSW 46	WSW 41	WSW 38	WSW 37	WSW 24	WSW 20	WSW 18	WSW 13	SW 11	SSW 8	S 4	1014
2	WSW 16	WSW 17	SW 9	WSW 12	WSW 14	WSW 12	W 11	W 10	W 11	W 12	W 12	WNW 12	285
3	W 0	W 0	W 0	W 0	W 3	W 4	W 3	W 0	W 0	W 0	W 0	W 0	91
4	NE 4	ENE 11	ENE 9	ESE 12	ESE 16	ESE 15	SE 15	SE 17	SE 15	SE 15	SE 15	SSE 20	227
5	SW 6	SW 14	WSW 16	WSW 16	WSW 14	SW 10	SW 10	SW 14	SW 6	SW 5	SW 11	WSW 17	271
6	WSW 22	WSW 18	WSW 20	WSW 20	WSW 23	WSW 23	WSW 18	WSW 19	WSW 17	WSW 16	WSW 12	WSW 20	399
7	SE 4	ENE 7	ENE 7	ENE 14	NE 20	NE 20	NE 10	NE 4	NE 12	ENE 15	SE 21	SE 20	232
8	SSE 14	S 15	SSW 11	SSW 14	S 16	S 16	S 20	S 16	SSW 12	SSW 11	SSW 15	SSW 10	308
9	NNE 1	N 0	N 2	NNW 12	S 16	NE 17	NE 11	NE 12	NE 8	N 9	N 13	NNW 18	266
10	WSW 26	WSW 26	WSW 26	WSW 30	WSW 27	WSW 39	WSW 36	WSW 54	WSW 54	WSW 52	WSW 42	WSW 46	734
11	WSW 22	WSW 37	WSW 35	WSW 30	WSW 28	WSW 26	WSW 22	WSW 21	WSW 25	WSW 21	WSW 19	WSW 21	761
12	WSW 32	WSW 36	WSW 32	WSW 26	WSW 22	WSW 18	WSW 20	WSW 18	WSW 18	WSW 15	WSW 13	WSW 16	709
13	WSW 43	WSW 29	WSW 22	WSW 28	SW 30	WSW 19	WSW 17	WSW 14	SW 15	SW 15	SW 15	SW 15	536
14	SW 16	SW 23	SW 17	SW 8	SW 2	SW 3	SW 0	SW 10	SW 15	WSW 28	WSW 10	SSE 12	272
15	SW 14	SW 18	SW 16	SW 14	SW 26	SW 26	WSW 26	WSW 30	WSW 24	WSW 24	WSW 21	WSW 11	468
16	WSW 56	WSW 60	WSW 58	WSW 46	WSW 36	WSW 26	WSW 30	WSW 36	WSW 44	WSW 50	WSW 60	WSW 52	772
17	WSW 48	WSW 40	WSW 48	WSW 42	WSW 36	WSW 64	WSW 60	WSW 42	WSW 36	WSW 40	WSW 42	WSW 31	1155
18	WSW 27	WSW 25	W 18	W 29	WSW 35	WSW 44	WSW 34	WSW 27	SW 28	WSW 25	WSW 24	WSW 6	659
19	WSW 26	WSW 22	WSW 21	SW 23	WSW 24	WSW 28	WSW 30	WSW 32	WSW 32	WSW 30	WSW 22	WSW 24	648
20	WSW 52	WSW 52	WSW 38	WSW 42	WSW 40	WSW 42	WSW 44	WSW 46	WSW 46	WSW 42	WSW 36	WSW 33	813
21	WSW 60	WSW 56	WSW 40	WSW 47	WSW 41	WSW 58	WSW 62	WSW 46	WSW 52	WSW 60	WSW 44	WSW 46	1237
22	WSW 36	WSW 28	W 24	WSW 28	WSW 18	WSW 32	WSW 24	WSW 18	WSW 16	WSW 23	WSW 19	WSW 20	660
23	SW 50	SW 51	WSW 57	WSW 50	WSW 46	SSW 41	WSW 35	SSW 28	SW 26	WSW 33	SW 27	SW 28	892
24	WSW 44	WSW 44	WSW 42	WSW 52	WSW 48	WSW 48	WSW 54	WSW 60	WSW 62	WSW 68	WSW 64	WSW 58	1032
25	WSW 76	WSW 79	WSW 73	WSW 68	WSW 76	W 62	W 56	W 38	WSW 28	SW 34	S 33	S 27	1516
26	W 19	W 18	W 18	W 12	WSW 12	WSW 18	W 12	W 8	WNW 10	WSW 13	WSW 9	WSW 11	457
27	WSW 32	WSW 32	WSW 37	WSW 43	WSW 48	WSW 54	W 56	W 54	WSW 56	WSW 64	W 50	W 46	703
28	W 16	WSW 18	WSW 13	WSW 17	WSW 12	WSW 12	WSW 13	WSW 9	WSW 6	WSW 5	WSW 5	SW 4	498
29	WSW 9	WSW 12	WSW 13	WSW 12	WSW 16	WSW 13	WSW 11	WSW 12	WSW 10	WSW 11	WSW 6	WSW 6	223
30	WSW 4	WSW 3	WSW 3	W 0	WSW 5	WSW 17	WSW 22	WSW 22	WSW 34	WSW 39	WSW 29	WSW 22	295
31	WSW 55	WSW 47	WNW 56	WSW 72	WSW 62	W 46	WNW 48	WNW 46	WNW 40	WNW 40	WNW 30	WNW 38	992

Februar.

1	SW 21	SW 33	SW 26	SW 32	WSW 37	WSW 29	WSW 46	WSW 64	WSW 60	WSW 68	WSW 44	WSW 34	852
2	WSW 47	WSW 42	W 34	WNW 23	W 28	WSW 26	WSW 25	WSW 26	WSW 22	WSW 32	WSW 30	WSW 32	1000
3	WSW 44	WSW 42	WSW 36	WSW 48	WSW 48	WSW 44	WSW 40	WSW 31	WSW 28	WSW 23	WSW 18	WSW 26	928
4	WSW 42	WSW 46	WSW 40	WSW 36	SW 32	SW 28	SW 26	SW 25	W 17	W 12	WSW 14	SW 12	712
5	SSW 28	SSW 31	SSW 30	SSW 28	SW 34	WSW 26	WSW 26	SW 22	SW 20	SW 20	SW 17	SW 17	514
6	SSW 10	SSW 13	SSW 13	SSW 20	SSW 22	SW 19	SW 17	SW 12	SW 17	SW 23	SW 24	WNW 20	376
7	SW 26	W 14	W 22	W 25	W 10	W 6	W 1	WSW 12	SW 16	SW 22	WSW 34	WSW 34	570
8	WSW 78	WSW 80	W 44	W 29	WSW 17	WSW 18	WSW 14	WSW 11	WNW 8	WNW 13	NW 5	NW 4	1001
9	NNE 22	NNE 22	NE 23	NNE 33	NNE 48	NE 44	ENE 30	ENE 32	ENE 30	ENE 26	ENE 30	NE 30	547
10	ENE 23	ENE 13	ENE 12	ENE 4	E 2	E 0	ENE 8	NNE 13	NW 19	NW 20	NW 20	NW 20	478
11	NNW 29	NNW 29	NNW 22	NNW 38	NNW 40	NNW 31	NNW 23	NNW 21	NNW 23	NNW 26	NNW 32	NNE 34	684
12	NE 38	NE 48	NE 42	NE 38	NE 36	NE 38	NE 38	NE 36	NE 34	NE 47	NE 35	NE 38	924
13	NE 40	NE 48	NE 38	NE 38	NE 34	NE 30	NNE 32	NNE 32	NNE 28	NNE 28	NNE 24	NNE 20	916
14	NE 18	NE 17	NE 17	NE 19	NE 19	NE 14	NE 13	NE 13	NE 18	NE 28	NE 40	NE 44	434
15	NE 41	NE 39	NE 38	NE 40	NE 38	NE 32	NE 32	NE 30	NE 34	NE 34	NE 30	NE 38	1012
16	NNE 20	NNE 24	NNE 20	NNE 13	NNE 11	NNE 11	NNE 13	NNE 10	NE 13	NE 11	ENE 14	ENE 16	548
17	ENE 16	ENE 8	E 16	ESE 18	ESE 20	SE 24	SSE 30	SSE 28	SE 28	ESE 24	SSE 20	SSW 8	426
18	S 2	S 0	S 3	S 1	S 6	S 1	S 0	S 0	S 0	S 0	S 0	S 0	39
19	SSE 26	S 36	S 34	S 36	SE 34	ESE 34	E 31	NE 35	SSW 44	SW 36	SW 33	SW 17	583
20	ENE 22	ENE 20	ENE 22	E 16	SE 11	SSE 10	SSE 12	S 13	S 3	S 2	S 1	SSE 8	290
21	ESE 7	ENE 19	ENE 16	ENE 18	ENE 18	ENE 25	ENE 33	ENE 35	ENE 41	ENE 46	ENE 33	ENE 39	422
22	ENE 36	ENE 34	ENE 34	ENE 43	ENE 47	ENE 38	ENE 38	ENE 38	ENE 37	ENE 35	ENE 36	ENE 42	986
23	ENE 26	WNW 25	W 20	W 19	E 26	ENE 26	ENE 26	W 28	NE 26	NNE 15	ENE 15	NNW 30	712
24	SSW 0	WNW 0	WNW 0	W 0	W 0	W 0	W 2	W 0	W 1	W 0	W 0	NW 3	151
25	ESE 21	S 12	SSW 17	S 16	S 20	SSW 18	SSW 16	SSW 15	SSW 21	SSW 22	SSW 17	SSW 13	265
26	WSW 13	SW 13	SSW 13	SSW 15	SSW 16	SW 19	WSW 23	WSW 25	WSW 21	WSW 20	WSW 19	WSW 28	380
27	SW 22	SW 23	SSW 27	SW 34	SW 34	WSW 42	WSW 54	WSW 55	WSW 49	WSW 40	WSW 34	WSW 34	610
28	WNW 5	NNE 1	NNE 2	NNE 6	NNE 4	NNE 3	NNE 4	NNE 2	NNE 2	NNE 2	NNE 1	NNE 1	229

März 1913. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	11.2	NNE 1	NNW 5	NW 1	NW 0	NW 1	NW 1	WNW 1	NW 2	NW 2	NW 1	NW 6	N 9
2	30.1	N 32	N 26	N 22	N 30	N 28	N 24	NNE 28	NNE 28	NNE 26	NE 16	NE 10	NE 2
3	38.1	WSW 34	WSW 31	WSW 27	WSW 30	WSW 28	WSW 28	WSW 32	WSW 28	WSW 25	WSW 27	WSW 33	WSW 31
4	65.5	WSW 68	WSW 68	WSW 80	WSW 82	WSW 90	WSW 90	WSW 88	WSW 88	WSW 78	WSW 71	WSW 67	WSW 59
5	52.9	WSW 60	WSW 62	WSW 72	WSW 68	WSW 68	WSW 70	WSW 70	WSW 66	WSW 61	WSW 57	WSW 60	WSW 50
6	35.7	WSW 32	WSW 32	WSW 40	WSW 40	WSW 40	WSW 43	WSW 43	SW 38	WSW 36	WSW 41	SW 36	WSW 35
7	46.9	WSW 64	SW 58	SW 56	SW 60	SW 60	SW 60	WSW 60	WSW 64	WSW 66	WSW 70	WSW 65	WSW 40
8	43.5	WSW 40	WSW 42	WSW 39	WSW 51	WSW 54	WSW 66	WSW 60	SW 80	SW 75	SW 54	SW 71	SW 60
9	7.5	NE 12	NE 13	NNE 8	NE 9	NNE 7	NNE 8	NNW 7	NE 6	NNW 7	N 6	N 6	N 2
10	33.8	NNE 18	NNE 20	NNE 22	N 26	NNW 34	NNW 28	NNW 25	NW 31	NW 38	WNW 48	W 42	WSW 28
11	46.8	WSW 60	WSW 55	WSW 55	W 52	WSW 54	WSW 54	WSW 51	WSW 55	SW 42	SW 34	WSW 40	SW 38
12	24.0	W 35	WSW 42	W 30	W 32	WNW 32	WNW 30	WNW 31	WNW 27	NW 21	NW 17	NW 3	ENE 5
13	31.4	NE 35	ENE 29	ENE 34	NE 24	NE 17	E 11	WSW 5	SW 13	SW 26	SW 34	WSW 27	W 41
14	40.8	WSW 58	WSW 54	WSW 54	WSW 53	WSW 55	WSW 52	WSW 50	WSW 50	WSW 44	WSW 46	WSW 44	WSW 29
15	34.0	WSW 43	WSW 39	WSW 45	WSW 48	WSW 45	WSW 49	WSW 50	WSW 42	SW 46	SW 44	WSW 49	WSW 41
16	32.1	WSW 6	SW 9	W 15	W 22	W 21	W 29	WSW 24	WSW 48	WSW 56	WSW 48	WSW 38	WSW 34
17	48.0	W 35	W 35	WSW 40	WSW 44	WSW 42	WSW 46	WSW 43	WSW 41	WSW 46	WSW 45	WSW 30	SW 37
18	15.9	SW 30	WNW 40	WNW 54	WNW 50	WNW 30	NNW 20	NNW 8	NNE 10	NNW 6	WSW 11	W 11	W 14
19	62.4	ENE 13	ESE 16	ESE 19	S 21	SSW 30	SSW 40	SW 58	WSW 52	WSW 47	WSW 43	WSW 43	SW 59
20	38.4	WSW 72	WSW 72	WSW 68	WSW 76	WSW 72	WSW 56	WSW 56	SW 43	SW 43	SW 36	SW 34	SW 34
21	21.4	WSW 33	WSW 21	WSW 18	WSW 21	SW 16	SW 13	SSW 10	SW 17	SW 31	SW 26	SW 19	SSW 25
22	41.1	SSW 14	SW 20	WSW 17	SW 19	SW 18	SSW 24	SW 34	WSW 30	WSW 43	WSW 37	WSW 45	WSW 47
23	28.2	NW 56	NW 54	NW 44	NW 34	WNW 30	WNW 30	SSW 32	SSW 20	SSW 37	SSE 27	E 39	E 25
24	9.5	SE 14	SSE 9	SE 16	SE 18	ESE 19	ENE 18	ENE 34	ENE 12	NE 12	NE 10	NE 17	NE 12
25	29.8	E 14	E 15	E 15	E 22	E 20	E 26	S 20	S 24	SSW 22	SSW 34	SSW 28	S 22
26	41.1	E 50	S 48	SSE 36	SSE 46	S 58	S 42	SSW 40	S 40	S 40	S 38	S 32	S 30
27	20.5	ESE 34	ESE 24	SE 21	SSW 17	SSW 14	SSW 13	ESE 5	E 9	E 6	SSW 15	SW 27	WSW 25
28	19.6	SSW 13	SSW 14	S 17	S 21	SW 21	SW 13	SW 7	SW 13	SSW 26	SSW 24	SSE 35	SSE 25
29	45.4	SE 56	SE 62	ESE 52	ESE 52	SSE 56	SE 67	SSW 66	SSW 63	SSW 64	SSW 48	SW 34	SSW 37
30	42.7	SW 45	SW 48	SSW 41	S 36	S 54	S 48	S 40	SE 38	SE 54	SSE 56	ESE 59	E 47
31	45.7	SSW 74	SSW 62	SSW 62	SSW 56	SSW 60	S 70	E 74	ENE 66	NW 52	S 29	WSW 50	W 67

April.

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	14.7	S 23	SE 33	SE 30	E 15	ENE 19	ENE 25	ENE 10	NNE 0	NE 1	NE 0	WSW 3	W 15
2	8.7	WNW 3	WNW 2	WNW 1	WNW 6	WNW 9	WNW 8	WNW 13	W 16	W 16	W 15	W 10	W 1
3	18.2	ENE 8	E 0	ENE 0	E 0	ENE 2	ENE 2	ENE 0	ENE 4	E 9	S 16	ENE 27	NE 12
4	37.2	WSW 48	WSW 43	WSW 34	SE 29	ESE 30	ENE 44	NE 60	ENE 46	NE 46	NE 43	NE 40	NE 29
5	31.1	E 38	E 50	NE 42	SW 40	E 40	E 30	NE 38	ESE 40	ESE 28	ESE 28	SSW 18	SW 30
6	9.2	ESE 13	E 4	S 6	SW 10	SW 6	W 8	W 15	W 5	WNW 2	W 0	W 0	SSE 0
7	5.8	WSW 12	WSW 10	WSW 9	WSW 6	WSW 0	WSW 2	WSW 11	WNW 14	WSW 12	WSW 8	SW 0	SSW 1
8	4.2	ENE 9	ENE 13	ENE 11	ENE 7	ENE 14	ENE 12	NE 12	ENE 12	ENE 6	ENE 0	ENE 0	E 0
9	0.2	N 1	N 1	N 0	N 0	N 0	N 1	NE 0	NNE 0	NNW 0	NNW 0	NNW 0	NW 0
10	23.9	WSW 5	WSW 6	WSW 14	W 8	WSW 14	WSW 16	WSW 14	WSW 17	WSW 17	WSW 26	WSW 33	WSW 34
11	15.9	WSW 19	WSW 17	WSW 16	WSW 14	W 9	W 5	WSW 16	W 3	W 8	WSW 31	WSW 34	WSW 18
12	26.2	SW 18	SW 26	SW 35	SW 44	SW 38	SW 44	WSW 45	WNW 41	WNW 38	W 35	WNW 38	WSW 27
13	8.8	NE 5	NE 2	NNW 1	NNW 0	NNW 0	NNW 0	NNW 0	NNW 6	NNW 4	NNW 1	NNW 1	NNW 8
14	7.2	NNE 12	NNE 9	NNE 11	NNE 8	NNE 9	NNE 8	NNE 7	ENE 11	NE 15	NE 7	NE 0	NE 4
15	17.2	N 18	N 19	N 18	N 19	N 20	N 15	NE 13	NE 15	NE 23	NE 26	NE 22	NE 18
16	60.5	SW 36	SW 42	SW 42	SW 46	WSW 53	WSW 49	SW 46	WSW 45	WSW 38	WSW 37	WSW 55	WSW 41
17	46.0	WNW 82	WNW 86	NW 84	WNW 70	NW 60	NW 50	WSW 40	WSW 30	WSW 35	WSW 23	SW 18	W 38
18	27.4	W 41	W 36	W 27	W 25	W 28	W 26	WSW 33	W 33	W 36	W 37	W 33	WSW 22
19	35.2	WSW 28	WSW 32	WSW 29	WSW 29	WSW 32	WSW 30	WSW 22	WSW 34	WSW 42	WSW 48	WSW 44	WSW 50
20	24.5	W 46	WSW 44	WSW 44	W 42	WNW 36	WNW 34	WSW 39	WNW 41	WNW 42	WNW 32	WNW 16	WNW 24
21	23.5	NE 8	NNE 9	NNE 16	NNE 16	NNE 16	NNE 16	WSW 20	WSW 34	WSW 36	WSW 30	SW 22	SW 30
22	8.6	WSW 21	WSW 17	WSW 18	WSW 16	WSW 14	WSW 14	WSW 3	WSW 2	WSW 0	WSW 0	SW 0	S 0
23	12.6	S 10	S 11	S 16	S 12	SSW 7	SSW 4	WSW 6	WSW 9	W 8	WSW 10	WSW 14	SW 14
24	22.6	SSW 21	SSW 25	SW 21	SW 17	SW 18	SW 21	SW 17	WSW 19	WSW 23	WSW 19	SW 25	S 23
25	25.8	SW 14	SW 3	SW 4	SSW 16	SSW 24	S 28	S 28	S 28	S 28	S 26	SSE 30	S 22
26	28.4	SSE 24	S 20	SSE 22	SSE 28	ESE 20	ESE 18	E 26	E 24	SW 28	S 31	SE 39	ESE 28
27	16.3	ENE 35	NE 33	NE 28	NE 25	NE 29	NE 30	ESE 16	E 14	ESE 19	E 11	ESE 16	SSE 14
28	9.5	SE 11	SE 14	SE 3	SSW 6	W 0	W 0	S 0	S 4	S 4	SW 1	SW 4	SW 0
29	14.3	W 12	W 4	W 1	W 5	W 3	W 7	NE 7	NE 15	NNE 24	WNW 15	WNW 9	ENE 20
30	14.5	WSW 17	WSW 10	WSW 7	SW 6	WNW 4	WNW 1	W 0	W 4	S 6	ESE 8	SE 18	SSW 15

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **März.** Säntis.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	N 12	NNW 15	NNW 16	N 21	N 15	N 21	N 22	N 28	N 24	N 22	N 22	N 22	270
2	W 13	W 21	W 28	W 26	WSW 40	WSW 44	WSW 50	WSW 48	WSW 50	WSW 42	WSW 42	WSW 46	722
3	SW 36	SW 41	SSW 43	SW 46	SSW 50	SSW 42	WSW 46	WSW 44	WSW 54	WSW 54	WSW 50	WSW 54	914
4	W 53	WSW 54	WSW 50	WSW 56	WSW 60	WSW 64	WSW 50	WSW 50	WSW 50	SW 46	WSW 54	WSW 56	1572
5	WSW 52	WSW 58	WSW 50	WSW 49	WSW 51	WSW 40	WSW 40	WSW 38	SW 35	SW 31	SW 30	WSW 32	1270
6	WSW 36	WSW 38	WSW 38	WSW 42	WSW 40	SW 34	SW 34	SW 26	SW 19	WSW 17	WSW 32	WSW 44	856
7	WSW 35	WSW 48	WSW 46	WSW 41	WSW 41	WSW 24	SW 24	SW 23	SW 21	SW 22	WSW 43	WSW 35	1126
8	SW 56	WSW 64	WSW 48	W 32	WNW 46	NW 20	W 14	NW 13	NW 15	NW 19	WNW 12	NNE 12	1043
9	N 3	N 6	NE 4	NE 6	NE 7	NE 6	NE 8	NE 5	N 5	NNE 9	NNE 13	NNE 16	179
10	WSW 23	WSW 32	WSW 31	WSW 36	WSW 40	WSW 34	WSW 41	WSW 33	WSW 35	WSW 39	WSW 51	WSW 55	810
11	SW 50	WSW 40	WSW 42	WSW 46	WSW 48	WSW 49	WSW 48	WSW 44	WSW 49	WSW 48	WSW 44	W 25	1123
12	ESE 7	E 6	ENE 11	E 13	SW 27	W 32	WNW 32	NNE 24	NE 25	NE 28	NE 32	NE 35	577
13	WSW 28	SW 20	SW 12	SW 20	WSW 27	WSW 41	WSW 48	WSW 48	WSW 52	WSW 52	WSW 52	WSW 58	754
14	SW 33	SW 34	SW 23	SW 23	SW 24	SW 30	SW 27	SW 33	WSW 30	WSW 42	WSW 48	WSW 43	979
15	WSW 42	W 52	W 24	W 24	W 24	WNW 25	WNW 25	WNW 14	WNW 12	WNW 16	W 10	W 6	815
16	WSW 23	WSW 31	WSW 40	WSW 46	WSW 39	WSW 37	W 40	WSW 48	W 38	W 26	W 25	W 27	770
17	SW 48	SW 55	SW 59	SW 63	SW 63	SW 60	SW 70	SW 64	SW 66	SW 42	SW 42	SW 36	1152
18	W 11	WNW 10	W 13	W 6	WSW 12	WSW 14	WSW 10	WSW 2	SW 4	SW 4	SW 7	W 4	381
19	SW 78	SW 80	SW 100	WSW 96	WSW 92	WSW 106	WSW 106	WSW 96	WSW 76	WSW 74	WSW 68	WSW 84	1497
20	WSW 35	WSW 33	WSW 33	WSW 18	SW 16	WSW 13	SW 8	SW 14	WSW 18	WSW 19	WSW 19	WSW 34	922
21	SSW 24	SSW 30	SSW 28	SW 31	WSW 27	WSW 30	SW 15	SW 19	SW 15	SW 18	WSW 16	SW 11	514
22	WSW 51	WSW 50	WSW 57	WSW 60	WSW 60	SW 56	SW 53	SW 71	SSW 60	W 33	NW 37	NW 50	986
23	ESE 34	SW 28	WSW 25	WSW 28	WSW 19	WSW 14	WSW 8	WSW 10	SSE 16	SSE 24	SSE 22	SE 20	676
24	NE 9	NE 5	NE 0	NE 0	ENE 0	E 0	E 0	E 0	E 0	E 4	E 5	E 14	228
25	S 28	SW 30	WSW 26	SW 27	SSW 23	S 30	SSE 40	SE 35	S 46	S 55	SE 66	ESE 48	716
26	S 34	SSE 48	E 54	SE 60	S 40	ESE 44	E 32	ESE 31	SSE 35	SE 34	SSE 43	SSE 31	986
27	WSW 32	WSW 48	WSW 37	SW 24	WSW 25	SW 28	SW 24	SW 17	SW 13	SSW 8	SSW 12	SSW 13	491
28	SSE 22	S 23	SSW 21	SSE 19	SE 21	SE 22	SSE 22	S 10	S 8	E 20	E 22	E 32	471
29	SSW 24	SSW 26	SW 13	SW 11	SW 39	SW 36	SW 40	SW 50	SW 41	WSW 50	WSW 61	SW 42	1090
30	SSW 40	WSW 24	E 44	S 34	E 16	ENE 26	S 28	SE 28	S 44	S 38	SSE 62	SSW 76	1026
31	SSW 66	SSW 54	SSW 42	SSW 42	SSW 38	SSW 33	SSW 17	SSW 14	S 12	S 16	S 17	S 23	1096

April.

1	W 18	W 16	W 28	W 30	WNW 20	WNW 17	WNW 19	W 17	W 9	WSW 0	WSW 2	W 2	352
2	NW 0	E 1	NE 2	NE 3	N 9	N 17	N 16	N 16	NE 14	NE 11	NE 9	ENE 10	208
3	ENE 12	SE 25	W 21	NW 16	ESE 33	E 31	ENE 36	ENE 36	NE 41	E 35	SW 42	S 30	438
4	E 33	E 35	E 30	E 21	E 15	E 14	ENE 26	S 38	E 37	E 52	E 43	E 56	892
5	SW 38	SW 28	SW 18	SW 22	SW 28	SW 28	S 18	SE 34	ESE 30	ENE 30	ENE 27	ESE 24	747
6	SE 1	ESE 2	SE 4	SE 1	W 14	WNW 16	W 22	WNW 20	W 22	WSW 21	WSW 16	WSW 13	221
7	SSW 3	SSW 1	SSW 1	SSW 3	SW 2	SW 3	N 5	NE 6	NE 6	NE 7	ENE 8	ENE 8	138
8	SE 1	NE 1	NE 0	NE 2	NE 0	NE 0	N 0	N 0	NNE 1	N 0	N 0	N 0	101
9	NNE 0	NNE 0	ESE 1	NNE 0	ESE 0	SW 1	WSW 0	WSW 0	WSW 0	WSW 0	WSW 1	WSW 0	6
10	WSW 36	WSW 41	WSW 38	WSW 40	WSW 38	WSW 26	WSW 32	W 22	WSW 22	W 27	WSW 27	WSW 20	573
11	WSW 20	WSW 20	WSW 19	WSW 12	WSW 23	WSW 26	SW 15	SW 17	SW 10	SW 10	SW 10	SW 9	381
12	WSW 38	WSW 32	WSW 28	WSW 9	WSW 5	NE 11	NE 19	NE 13	NE 19	NE 8	NE 10	NE 8	629
13	NNW 13	NNW 1	NNW 8	NNW 5	NNW 14	NNW 19	NNE 20	NNE 20	NNE 22	NNE 21	NNE 20	NNE 19	210
14	NE 0	ENE 0	SE 0	SE 1	NW 0	NW 0	NW 0	NW 0	NW 11	NNW 24	N 19	N 18	174
15	NE 10	NE 12	NE 12	ENE 12	SE 12	S 12	S 15	SSW 17	SW 22	SW 18	SW 12	SW 32	412
16	WSW 59	WSW 65	WSW 70	WSW 70	WSW 103	WSW 84	WSW 83	WSW 82	WNW 82	WNW 68	WNW 80	WNW 76	1452
17	WSW 38	WSW 46	WSW 23	WSW 21	WSW 34	WSW 41	W 31	WNW 48	W 56	W 68	W 42	W 41	1105
18	WSW 20	WSW 12	WSW 17	WSW 15	W 26	W 25	W 25	WSW 25	WSW 33	WSW 24	WSW 34	WSW 24	657
19	WSW 42	WSW 44	WSW 37	WSW 27	WSW 30	WSW 18	WSW 24	WSW 32	WSW 24	WSW 44	W 52	WSW 50	844
20	WSW 16	SW 16	WSW 7	W 13	ENE 12	ENE 18	NE 24	NE 11	NE 7	NE 8	NE 8	NE 9	589
21	WSW 28	WSW 30	WSW 24	WSW 27	WSW 27	WSW 28	WSW 26	WSW 27	WSW 23	WSW 26	WSW 20	WSW 24	563
22	SW 0	SSE 3	ESE 6	ESE 5	ENE 7	ENE 11	ESE 13	SE 16	SE 11	SE 9	SE 10	SSE 11	207
23	SW 14	SW 16	SW 14	SW 20	SW 16	SW 14	SW 12	SW 11	SW 13	SW 14	SSW 18	SSW 20	303
24	SSE 21	SSE 19	SE 22	SSE 31	SSE 34	SSE 38	SSE 33	S 27	S 25	S 17	S 17	SSW 10	543
25	S 28	S 24	S 34	SSE 38	SSE 35	SSE 43	SSE 30	SSE 30	ESE 30	ESE 29	SSE 23	SSE 24	619
26	E 32	ENE 35	ENE 27	E 28	ENE 20	NE 20	NE 28	NE 32	ENE 37	ENE 37	ENE 36	NE 42	682
27	SSE 15	SW 11	SSW 9	SSW 7	ESE 5	ENE 6	SSE 8	SSE 10	SE 9	S 14	SSE 13	SSE 14	391
28	SW 0	SW 5	SW 12	SW 16	WSW 17	WSW 24	WSW 23	WSW 21	WSW 22	WSW 18	WNW 11	WNW 11	227
29	ESE 16	ESE 28	SE 20	ESE 20	SW 16	WSW 16	SW 18	SSW 20	SSW 18	SW 16	WSW 18	SW 15	343
30	SSW 17	SSW 17	SSW 11	SSW 18	SSW 20	SSW 20	SSW 16	SSW 32	SSW 30	SSW 21	SSW 23	SSW 28	349

Mai 1913. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	22.2	SSW 28	SSW 22	SW 14	SSW 8	SSW 20	SSW 24	SE 23	SE 31	ESE 24	ESE 26	ESE 24	ESE 23
2	4.9	WSW 23	WSW 20	WSW 17	WSW 13	WSW 14	W 6	WSW 5	W 9	W 9	W 0	WSW 0	N 0
3	2.0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	E 5	SE 11	ESE 4	E 1	E 1	ESE 4
4	24.1	WSW 8	WSW 11	W 10	W 14	W 20	W 18	WSW 21	W 17	W 14	SW 2	SSW 16	SW 10
5	7.0	SW 18	SW 11	SW 5	SW 5	SW 9	SW 1	W 3	W 8	NW 12	NNW 9	NNW 11	N 9
6	19.5	NW 6	NW 5	NW 5	NW 2	NW 4	NW 3	WSW 11	WSW 32	WSW 25	WSW 22	WSW 28	SW 20
7	22.9	WSW 11	W 9	W 10	W 11	W 11	W 11	WSW 16	WSW 21	WSW 27	WSW 34	WSW 37	WSW 35
8	24.9	SW 17	SW 21	WSW 25	WSW 30	WSW 32	SW 30	WSW 26	WSW 26	WSW 26	WSW 25	WSW 0	SW 1
9	7.4	W 12	W 17	W 15	WNW 18	NW 18	NNW 7	NNE 11	NE 8	ENE 4	ESE 10	ESE 2	SSE 6
10	15.4	SW 2	SW 1	SW 0	SW 0	SW 0	SW 3	SW 4	ESE 5	ENE 13	ENE 23	E 12	SE 10
11	12.4	W 17	W 17	W 15	W 17	W 15	W 15	WSW 21	WSW 12	WSW 21	WSW 24	WSW 14	NW 6
12	2.1	NNW 2	WNW 2	NNE 6	NNE 6	NNE 4	NNE 3	NE 0	ENE 7	NE 5	ENE 5	ENE 1	NE 0
13	9.2	NNE 0	E 0	S 0	S 0	S 0	SW 18	WSW 19	SW 17	SW 16	SW 21	SW 18	SW 9
14	19.3	E 25	ESE 20	ESE 20	ESE 18	ESE 18	SE 14	SW 8	SW 7	SW 10	SW 13	SW 15	SSW 11
15	29.5	WSW 42	WSW 22	SW 7	SW 9	SW 15	WSW 27	WSW 26	SSW 24	SE 26	SSW 26	SSW 28	SSW 40
16	31.5	WSW 35	WSW 34	WSW 27	WSW 36	WSW 30	WSW 28	WSW 29	SSW 33	S 25	S 32	S 38	S 33
17	22.5	SE 19	ESE 26	SE 18	SE 15	SE 10	ESE 11	SW 18	WSW 25	WSW 24	WSW 32	WSW 32	SW 25
18	34.3	SW 24	WSW 27	WSW 29	WSW 26	WSW 28	W 28	WSW 38	WSW 40	WSW 38	WSW 50	WSW 53	WSW 31
19	16.0	W 18	W 11	W 7	W 13	W 11	WSW 12	WSW 23	WSW 11	WSW 13	WNW 18	W 19	WNW 8
20	12.6	W 20	WNW 18	WNW 12	WNW 12	W 8	WSW 6	WSW 5	WSW 11	WSW 14	WSW 19	WNW 16	W 14
21	11.1	NNW 2	N 3	N 8	N 7	N 4	N 8	NNE 16	NNE 18	NE 17	NE 16	NE 15	NE 12
22	37.7	WSW 26	WSW 36	WSW 40	WSW 52	WSW 58	WSW 70	WSW 68	WSW 63	WSW 67	WSW 54	WSW 51	WSW 47
23	23.1	WNW 12	WNW 12	WNW 9	WNW 10	W 9	WNW 9	NW 9	WNW 9	WNW 12	WSW 20	WSW 29	WSW 27
24	17.5	W 14	W 16	W 16	W 9	W 6	W 1	SW 12	ENE 14	NE 19	NE 21	NE 20	NE 20
25	22.0	ENE 20	ENE 26	ENE 32	ENE 33	ENE 39	ENE 42	NE 40	NE 48	NE 36	NE 21	NE 25	NE 18
26	18.8	NNE 19	NE 9	ENE 8	E 6	SE 6	S 9	SW 19	SW 30	WSW 31	WSW 25	WSW 25	SW 23
27	34.5	WSW 26	WSW 24	WSW 30	SW 32	WSW 40	WSW 36	WSW 32	WSW 32	SW 40	SW 41	WSW 41	WSW 34
28	31.7	WSW 38	WSW 41	WSW 43	W 42	WSW 46	W 46	WSW 16	W 34	W 40	WNW 30	WSW 34	WSW 28
29	17.7	NNE 16	NNE 14	NNE 13	NNW 13	NNE 15	ENE 17	ENE 27	ENE 17	ENE 18	E 17	ENE 16	WSW 15
30	20.3	WSW 25	WSW 25	WSW 28	SW 25	SW 11	SW 8	SW 5	S 14	S 14	SSW 16	SSW 14	WSW 21
31	19.2	SW 8	SW 12	SW 14	SW 11	SSW 10	SSW 11	SSW 19	SSE 13	SSE 13	SSE 7	SSE 16	SSE 20

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1	37.9	SSW 30	SSW 28	SSW 16	S 13	SE 15	SE 13	NE 18	ESE 31	SE 36	SSE 52	SE 39	ESE 39
2	28.5	ESE 47	ESE 42	ESE 45	ESE 33	ESE 35	ESE 38	SSE 32	S 23	S 29	SSW 29	SSW 32	SSW 18
3	19.0	WNW 17	WNW 25	WNW 30	WNW 32	W 21	S 17	SE 22	ESE 21	ESE 15	SSE 16	SSW 20	SSW 12
4	24.5	WSW 16	W 7	W 4	SW 7	SSE 15	SE 20	SSW 26	SW 28	SW 24	SSW 17	SW 15	SSW 8
5	26.0	NNW 24	NNW 30	NNW 35	NNW 36	NNW 33	NNW 34	SW 30	SW 23	SSW 25	SSW 26	SSW 29	SSW 24
6	17.0	W 32	W 33	WNW 29	WSW 32	WSW 28	WNW 22	W 22	WNW 10	W 8	W 8	WSW 6	SW 2
7	10.7	NW 16	W 16	W 16	W 22	W 24	W 27	WSW 17	WSW 14	WSW 6	WSW 5	WSW 1	SW 2
8	20.2	W 9	W 7	W 7	W 6	E 3	SE 7	SSE 10	SSW 14	SW 21	SW 22	SSW 23	SSW 19
9	35.8	W 30	WSW 33	W 45	W 52	W 50	W 54	WSW 46	WSW 40	WSW 36	WSW 30	SSW 28	SW 28
10	54.3	WSW 32	WSW 32	WSW 38	WSW 38	WSW 42	WSW 43	WSW 37	WSW 48	WSW 52	WSW 54	WSW 56	WSW 53
11	72.0	WSW 88	WSW 77	WSW 85	WSW 82	WSW 88	WSW 88	WSW 86	WSW 86	WSW 86	WSW 84	WSW 78	WSW 90
12	54.4	WSW 52	WSW 58	WSW 64	WSW 80	WSW 82	WSW 74	WSW 77	WSW 59	WSW 75	WSW 73	WSW 76	WSW 58
13	38.9	NW 27	NW 31	NW 44	NW 44	NW 51	WNW 55	WSW 53	WSW 45	WSW 52	WSW 48	WSW 44	WSW 45
14	7.9	WNW 21	WNW 21	WNW 18	W 2	W 0	W 0	NW 2	NW 1	NW 0	WNW 0	WSW 0	S 3
15	19.5	WSW 26	WSW 23	WSW 34	WSW 31	WSW 29	WSW 27	WSW 24	WSW 25	WSW 26	WSW 19	WSW 23	WSW 22
16	9.0	SW 9	SW 2	SW 4	WSW 15	WNW 24	NW 26	WNW 27	WNW 24	WNW 17	NW 9	NW 2	NW 4
17	5.5	NW 13	NW 9	NW 6	N 8	N 8	N 8	N 9	N 0	N 0	NNW 1	NNW 3	NW 3
18	6.9	NNW 5	N 0	N 5	N 2	N 4	N 2	N 2	N 0	NW 6	NW 3	NW 5	WNW 6
19	30.4	WSW 22	WSW 31	WSW 25	WSW 30	WSW 36	WSW 36	WSW 34	WSW 32	WSW 26	WSW 24	WSW 45	WSW 57
20	10.2	SW 15	SW 17	SW 24	SW 20	SW 18	SW 19	WSW 16	WSW 11	SW 5	SW 2	WSW 3	NW 4
21	25.7	W 31	W 26	W 22	W 22	W 16	W 18	WSW 14	WSW 12	WSW 17	WSW 19	WSW 18	WSW 22
22	14.5	WSW 9	WSW 12	W 13	WNW 6	WNW 10	WNW 3	W 3	W 7	WNW 14	W 18	WSW 27	WSW 21
23	15.5	W 10	W 11	W 12	W 9	W 9	W 10	WSW 10	SW 4	SW 1	SW 2	SW 1	SW 4
24	47.8	WSW 56	WSW 59	WSW 61	WSW 63	WSW 59	WSW 52	WSW 44	WSW 44	WSW 51	WSW 55	WSW 44	WSW 31
25	22.0	W 27	WSW 32	WSW 30	WSW 44	WSW 36	WSW 37	WSW 31	W 26	WNW 20	W 13	WSW 23	WSW 31
26	10.0	NNW 4	NW 4	NNW 4	NNW 5	NNW 10	NNW 8	NNW 8	NNW 10	NNW 17	NNW 10	NNW 14	NNW 10
27	18.5	NNW 8	NNW 7	NW 6	NW 8	W 10	W 14	W 14	W 12	W 14	WSW 24	WSW 42	WSW 36
28	16.3	W 18	NW 14	NNW 15	NW 13	W 15	W 6	NE 7	NNW 10	NNW 14	NNW 10	NNW 9	WNW 22
29	45.2	WSW 14	SW 14	SW 15	SSW 26	SSW 25	S 18	WSW 26	WSW 26	WSW 22	WSW 22	WSW 23	WSW 63
30	16.9	WSW 31	WSW 27	WSW 20	WSW 20	WSW 18	WSW 18	WSW 25	WSW 23	WSW 26	SW 26	WSW 20	WSW 16

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Mai. Säntis.

Tag	12^{30} p–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	ESE 19	E 19	E 17	NNE 7	NNE 16	NE 20	SW 21	WSW 30	WSW 24	WSW 30	WSW 32	WSW 31	533
2	NE 0	NE 0	NE 0	NE 0	NW 1	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	NW 0	117
3	ESE 2	ESE 0	SSE 2	SSW 2	SSW 2	SW 1	SW 0	SW 0	SW 2	SW 1	SW 6	SW 3	47
4	SW 14	SW 16	WSW 12	W 27	WSW 43	WSW 50	WSW 50	WSW 57	WSW 46	WSW 42	SW 41	WSW 20	579
5	N 2	NNE 6	NNE 8	NNE 6	N 6	NW 6	NW 5	NW 6	NW 6	NW 5	NW 6	NW 6	169
6	SW 20	WSW 18	WSW 24	WSW 26	WSW 36	WSW 38	WSW 35	WSW 31	WSW 22	WSW 22	WSW 18	WSW 15	468
7	WSW 32	WSW 24	WSW 40	WSW 36	WSW 29	WSW 25	WSW 26	WSW 24	WSW 18	WSW 24	SW 20	SW 19	550
8	WSW 18	WSW 26	WSW 26	WSW 32	WSW 29	WSW 33	WSW 28	WSW 38	WSW 48	W 23	W 17	W 20	597
9	S 7	SSW 9	S 7	SW 2	WSW 1	WNW 8	WSW 5	SW 5	WSW 1	WSW 0	WSW 0	WSW 4	177
10	SW 13	SSW 19	SW 20	SSW 21	SSW 21	SSW 22	SSW 18	W 41	W 41	W 34	W 22	W 24	369
11	WNW 21	WNW 11	NW 6	NE 10	NE 12	NE 8	NE 6	NE 11	NNE 7	NW 3	NW 5	NNW 4	298
12	NE 0	NE 0	NE 0	NE 2	NE 2	NE 3	NE 3	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	51
13	SW 9	SW 1	SW 1	SE 1	ENE 2	ENE 5	NE 7	E 7	SE 14	SSE 18	SE 18	SSE 21	222
14	SSW 14	SSE 16	SE 14	SE 13	ENE 16	NW 20	WNW 31	NW 30	NNW 27	WSW 37	WSW 32	WSW 34	463
15	SSW 32	SSW 38	SSW 48	SSW 40	WSW 37	WSW 32	WSW 33	WSW 32	WSW 34	WSW 33	WSW 31	WSW 26	708
16	S 32	SSW 42	S 38	SSW 38	SSW 36	S 30	ESE 24	ESE 28	ESE 35	ESE 29	ESE 22	SE 21	755
17	SSW 24	SW 17	SSW 21	WSW 30	WSW 28	WSW 28	SW 32	WSW 28	WSW 24	WSW 13	SW 19	SW 22	541
18	WSW 32	WSW 44	WSW 36	WSW 44	WSW 46	WSW 44	WSW 40	WSW 32	WSW 28	W 26	W 20	W 20	824
19	W 16	WSW 15	WSW 19	WSW 17	WSW 18	WSW 24	W 27	W 21	W 21	W 14	W 12	W 16	384
20	WSW 14	W 18	WNW 21	WSW 9	W 11	W 14	W 12	WNW 15	WNW 9	WNW 10	WNW 8	WNW 6	302
21	NNE 4	WNW 8	WNW 2	WNW 6	WNW 8	WSW 20	WSW 22	WSW 20	SW 9	SW 9	SW 12	WSW 20	266
22	WSW 32	WSW 29	WSW 35	W 32	W 28	W 23	W 21	WNW 20	WNW 16	WNW 12	NW 12	NW 13	905
23	WSW 38	WSW 38	WSW 44	WSW 46	WSW 26	WSW 32	WSW 36	WSW 34	WSW 30	WSW 25	W 19	W 20	555
24	NNE 23	NNE 19	NE 16	ENE 18	NE 18	NE 26	ENE 20	ENE 24	NE 24	NE 18	NE 24	NE 22	420
25	NE 9	NNE 12	NE 16	ENE 16	ENE 15	ENE 11	ENE 10	ENE 16	E 15	ENE 8	NNE 8	NNE 11	527
26	WSW 17	SW 18	WSW 19	WSW 15	WSW 14	WSW 16	SW 16	WSW 20	WSW 26	WSW 28	WSW 26	WSW 26	451
27	WSW 41	WSW 39	WSW 42	WSW 42	WSW 48	WSW 31	W 33	W 27	WNW 31	WNW 38	W 25	W 23	828
28	W 36	WSW 36	W 32	WSW 37	WNW 27	WNW 33	WNW 31	NW 26	NNW 14	NNE 22	NNE 14	NNE 16	762
29	SSW 26	SW 21	WSW 23	W 15	WSW 16	W 15	WSW 16	SW 17	SW 15	SSW 19	SSW 22	SSW 21	424
30	WSW 16	SW 10	SW 14	ESE 10	SE 13	SSW 18	WSW 43	WSW 44	WSW 40	WSW 32	WSW 28	WSW 12	486
31	SSW 29	SSW 28	SSW 23	SSW 20	SSW 20	SSW 26	SW 30	WSW 28	SW 18	S 19	S 31	SSW 34	460

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1	SE 55	SE 89	SE 61	SE 47	SSE 48	SSE 47	SSE 41	SE 40	SSE 44	ESE 38	ESE 37	ESE 33	910
2	SSE 11	SSE 17	SSW 27	S 20	SE 13	SE 17	SSE 22	SE 20	SSE 31	WNW 33	WNW 42	WNW 28	684
3	SSW 12	WSW 23	SW 24	SW 17	SW 18	WSW 16	SW 12	SW 26	SW 22	SW 13	SW 7	WSW 17	455
4	WSW 12	WSW 12	WSW 21	WSW 33	WSW 78	S 58	NNW 40	NNW 45	NNW 23	NNW 34	NNW 26	NNW 18	587
5	SSW 23	SSW 20	SSW 23	SSW 25	WSW 17	SW 25	SSW 26	SSW 26	WSW 20	WNW 30	W 20	W 20	624
6	WNW 18	NW 26	NW 24	NW 28	NW 12	NW 5	NW 1	NW 13	NW 10	NW 13	NW 12	NW 14	408
7	SW 6	SW 9	SW 8	SW 7	SW 6	WSW 4	WSW 9	SW 5	SW 0	SW 4	WSW 20	W 14	258
8	SW 10	SW 12	WSW 14	WSW 22	WSW 34	W 44	WSW 32	WSW 34	WSW 37	W 33	W 33	W 32	485
9	WSW 28	WSW 26	WSW 32	WSW 34	WSW 32	WSW 31	WSW 33	WSW 29	WSW 34	WSW 37	WSW 34	WSW 36	858
10	SW 45	WSW 45	WSW 52	WSW 51	WSW 58	WSW 66	WSW 65	WSW 75	WSW 76	SW 80	WSW 80	WSW 86	1304
11	WSW 72	WSW 78	WSW 72	WSW 67	WSW 59	WSW 52	WSW 40	WSW 38	WSW 56	WSW 60	WSW 62	WSW 54	1728
12	WSW 72	WSW 69	WSW 73	W 58	W 38	WNW 28	NW 26	NW 24	NW 24	NW 18	NW 20	NW 28	1306
13	WSW 43	WSW 46	WSW 58	WSW 46	W 32	W 32	W 29	WNW 28	WNW 27	W 20	W 18	W 16	934
14	SSE 7	S 9	SSE 11	SE 12	SE 8	SE 3	SE 4	SE 8	SE 9	SE 12	SSW 18	SW 20	189
15	WSW 22	WSW 20	WSW 17	W 15	W 10	WSW 14	W 17	W 21	WNW 12	WNW 8	WNW 0	WNW 4	469
16	NW 2	WNW 2	NNW 2	NNE 4	NNE 4	NW 3	NW 0	NW 4	NW 10	NW 10	NW 5	NW 6	215
17	NNW 5	NNW 5	NNW 0	NW 2	NW 3	NNE 13	N 4	N 11	N 8	N 3	NNW 4	NNW 6	132
18	WNW 5	SSW 6	SSW 4	SSW 1	SW 3	SW 4	WSW 6	NNW 3	SW 21	WSW 30	WSW 18	WSW 24	165
19	WSW 36	WSW 36	WSW 40	WSW 40	WSW 30	WSW 34	WSW 24	WSW 25	WSW 21	WSW 22	WSW 14	SW 10	730
20	NNW 7	NW 7	NW 0	NW 5	NW 5	NW 3	NW 4	NW 7	NW 6	NW 4	WNW 14	W 29	245
21	WSW 24	WSW 44	WSW 52	WSW 54	WSW 44	WSW 34	WSW 32	WSW 30	WSW 24	SW 18	SW 11	WSW 14	618
22	WSW 22	WSW 20	WSW 22	WSW 22	WSW 19	W 12	W 19	W 20	WNW 13	W 11	W 14	W 12	349
23	SW 3	S 3	SSW 6	SW 10	SW 13	WSW 20	WSW 32	WSW 36	WSW 32	WSW 40	WSW 48	WSW 46	372
24	WSW 35	WSW 36	WSW 54	WSW 60	WSW 54	WSW 60	W 51	W 37	WSW 36	WSW 38	W 36	W 31	1147
25	WSW 36	WSW 27	WNW 22	WNW 18	WNW 16	WNW 11	WNW 8	WNW 11	WNW 10	WNW 6	W 4	NW 8	527
26	NNE 12	NNE 6	NNW 8	NNE 12	NNW 5	NNW 17	NNE 16	NNW 13	NNW 8	NNW 17	NNW 12	NNW 11	241
27	WSW 29	WSW 29	SW 20	SW 28	WSW 19	WSW 16	WNW 19	W 21	SW 20	WSW 17	WSW 16	NNW 16	445
28	NW 11	W 19	W 29	NE 18	NE 16	WSW 23	WSW 22	WSW 17	WSW 22	WSW 20	WSW 22	WSW 18	390
29	WSW 48	WSW 64	WSW 80	WSW 66	SW 74	SW 72	SW 78	SW 72	SW 72	SW 74	SW 62	SW 30	1086
30	WSW 14	SW 16	SW 16	SW 16	WSW 15	W 10	W 2	WNW 13	WNW 9	WNW 10	W 8	W 7	406

Juli 1913. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	6.5	W 3	W 4	W 3	W 1	W 0	WSW 0	WSW 0	WSW 0	WSW 2	W 2	WSW 1	W 1
2	23.2	WNW 9	WNW 13	WNW 10	WNW 18	WNW 22	WNW 22	W 22	WSW 42	W 24	SW 27	WSW 27	WSW 25
3	19.6	WSW 29	WSW 27	WSW 26	WSW 24	WSW 26	W 16	WSW 19	W 21	WNW 15	W 11	W 18	W 12
4	22.1	WSW 24	WSW 24	WSW 18	WSW 24	WSW 18	WSW 16	NW 19	NW 16	WNW 13	WNW 10	W 16	WNW 20
5	31.3	WNW 16	WNW 22	WNW 19	WNW 21	WNW 16	WNW 18	W 19	WSW 23	WSW 28	WSW 28	WSW 32	WSW 32
6	54.8	WSW 44	WSW 48	WSW 42	WSW 49	WSW 54	WSW 55	WSW 54	WSW 40	WSW 54	WSW 52	WSW 63	WSW 55
7	33.2	WSW 36	WSW 33	WSW 31	WSW 30	WSW 28	WSW 36	WSW 36	WSW 34	W 38	WSW 49	WSW 49	WSW 34
8	14.9	W 20	W 20	W 19	W 20	W 19	W 14	WSW 13	WSW 3	WSW 1	WSW 1	W 1	W 3
9	20.1	W 19	W 18	W 26	W 13	W 18	W 11	WSW 21	WSW 18	WSW 18	WSW 25	WSW 31	SW 26
10	21.1	WSW 14	WSW 12	WSW 18	WSW 16	WSW 16	WSW 18	WSW 14	SW 13	SW 21	SW 18	SSW 18	SSW 12
11	20.3	WSW 28	WSW 24	WSW 25	WSW 22	WSW 17	WSW 14	WSW 19	WSW 15	WSW 16	WSW 18	W 28	W 21
12	15.2	WNW 5	WNW 5	WNW 18	WNW 14	WNW 15	WNW 17	NNW 14	NNW 16	NNE 20	NNE 18	NE 21	ENE 15
13	23.0	NE 18	NE 18	ENE 22	ENE 18	ENE 20	ENE 20	ENE 19	E 15	E 16	E 6	E 2	SE 6
14	35.3	WSW 52	WSW 56	WSW 48	WSW 54	WSW 60	WSW 60	WSW 54	WSW 42	WSW 48	WSW 42	WSW 38	WSW 38
15	31.3	SSW 30	SW 12	NW 11	SE 19	SW 21	WSW 39	WSW 38	WSW 38	WSW 54	SW 51	WSW 57	SW 50
16	21.5	WNW 25	WNW 19	WNW 34	WNW 37	WNW 26	WNW 28	W 23	W 17	W 14	W 16	W 14	W 11
17	19.4	WSW 10	WSW 15	WSW 14	WSW 17	WSW 14	WSW 14	WSW 21	WSW 12	SW 18	SW 19	SW 30	WSW 22
18	26.8	NW 11	NW 18	NW 19	NW 18	NW 18	NW 16	NW 11	NW 17	WNW 20	WSW 14	WSW 21	WSW 27
19	37.9	WNW 42	WNW 42	WNW 30	WNW 32	W 26	WNW 25	W 19	NNW 18	W 24	W 20	WSW 38	W 38
20	32.7	WNW 24	NNW 28	NNW 46	NNW 39	NW 37	NW 32	WNW 30	W 48	W 30	W 40	W 30	W 34
21	25.7	W 21	W 19	WNW 23	WNW 23	WNW 18	WNW 16	WNW 12	W 10	W 19	WSW 19	WSW 32	WSW 30
22	54.1	WSW 35	WSW 45	WSW 54	WSW 50	WSW 58	WSW 60	WSW 54	WSW 66	WSW 62	WSW 54	WSW 64	WSW 58
23	31.1	WSW 44	WSW 41	WSW 33	WSW 28	WSW 30	WSW 20	WSW 23	WSW 22	W 24	W 33	W 20	WSW 27
24	19.3	WSW 27	WSW 22	WSW 22	WSW 22	WSW 22	WSW 16	WSW 10	WSW 19	WSW 28	WSW 23	WSW 19	W 19
25	15.3	NNE 24	NNE 24	NNE 26	NNE 26	NNE 23	NNE 25	NE 20	NE 32	NE 28	ENE 22	ENE 17	ENE 14
26	25.3	W 10	WSW 18	SW 22	WSW 29	WSW 33	WSW 36	WSW 29	WSW 32	WSW 35	WSW 34	WSW 31	SW 23
27	30.9	SW 32	WSW 28	WSW 30	WSW 35	WSW 33	SW 38	WSW 32	SW 26	SSW 24	SSW 24	WSW 25	WSW 27
28	22.4	WSW 30	WSW 23	WSW 30	WSW 25	WSW 24	WNW 22	WNW 20	SW 26	SSW 20	SSW 35	WSW 18	WSW 10
29	22.1	W 26	W 26	W 30	W 25	WNW 24	WNW 21	WNW 17	W 17	W 19	SW 19	WSW 20	WSW 23
30	20.4	W 22	W 20	WNW 14	W 17	W 23	W 26	W 24	W 18	WSW 16	SW 12	SW 13	WSW 19
31	8.8	WNW 11	W 15	W 17	NNW 13	NNE 16	NNE 12	NNW 16	NNW 10	NNW 7	NW 4	NW 3	NW 2

August.

1	11.2	N 11	N 8	N 7	N 14	N 16	N 18	NNE 24	NNE 21	NNE 18	ENE 13	ENE 9	ESE 6
2	10.1	NE 10	NE 14	NE 18	NE 20	NE 17	NE 19	NE 16	NE 16	NE 14	NE 5	ENE 4	ESE 4
3	10.2	ENE 17	ENE 10	ENE 15	ENE 21	ENE 26	NE 21	NE 21	NE 16	ENE 14	ENE 9	ENE 10	SE 3
4	15.7	E 5	E 2	E 3	E 2	E 8	E 12	NE 8	NE 4	NE 1	NE 1	ENE 10	SSW 18
5	37.3	WSW 31	WSW 39	WSW 38	WSW 44	WSW 48	WSW 48	WSW 46	WSW 52	WSW 46	WSW 35	WSW 35	WSW 34
6	41.8	WSW 40	WSW 38	WSW 43	WSW 48	WSW 41	WSW 42	WSW 58	WSW 60	WSW 60	WSW 46	WSW 49	WSW 15
7	19.3	W 12	WNW 31	W 21	W 12	W 17	W 19	WSW 14	WSW 12	WSW 23	WNW 20	NW 21	WNW 19
8	13.5	NNW 20	NNW 22	NNW 17	NNW 8	NNW 7	NNW 13	WSW 5	SW 7	WSW 10	WSW 9	WSW 14	WSW 16
9	31.7	WNW 14	WNW 28	WNW 32	WNW 40	WNW 36	WNW 24	WSW 27	WSW 19	WSW 30	WSW 38	WSW 28	WSW 26
10	30.4	SW 29	SW 27	SW 22	SW 21	SW 22	SW 18	WSW 25	W 24	WNW 25	WNW 26	WSW 29	WSW 24
11	23.3	SW 18	SW 18	SW 17	SW 19	SW 18	SW 20	WSW 25	WSW 30	WSW 33	WSW 32	WSW 28	SW 20
12	30.0	WSW 48	WSW 58	WSW 51	WSW 37	SW 16	SSW 13	SW 23	SW 17	WSW 27	W 44	WSW 50	WSW 46
13	19.5	WSW 15	WSW 19	WSW 14	W 15	WNW 11	NNW 14	NNW 22	NNW 12	NW 13	NW 13	WNW 15	WNW 23
14	16.5	NW 27	NW 19	NW 17	NW 18	NW 20	NW 20	WSW 20	SW 22	SW 26	WSW 24	WSW 23	WSW 24
15	20.3	W 14	W 13	W 12	W 12	W 12	W 12	WSW 23	W 26	WSW 24	WSW 22	W 25	WNW 23
16	12.0	WNW 22	WNW 24	WNW 16	WNW 16	WNW 15	WNW 15	WSW 6	WSW 5	WSW 8	WSW 1	WSW 1	W 5
17	27.0	WNW 26	WNW 32	WSW 34	WSW 28	WSW 29	WSW 25	WSW 30	WSW 30	WSW 80	WSW 20	WSW 21	SSW 18
18	26.0	WSW 17	SW 21	SW 24	SW 32	WSW 44	WSW 46	WSW 45	WSW 45	WSW 41	WSW 39	WSW 26	SSW 30
19	24.7	WSW 34	WSW 34	WSW 38	WSW 36	WSW 32	WSW 29	WSW 27	WSW 10	SW 9	SW 15	SW 12	SSW 9
20	37.1	WNW 52	WNW 40	WNW 52	WNW 48	WNW 44	WNW 45	WSW 59	WSW 46	WSW 34	WSW 34	WSW 46	WSW 28
21	17.3	NW 14	WNW 14	NNE 14	NNE 14	NNE 22	NNW 20	NNW 7	NNE 4	NW 9	WNW 13	WNW 17	WNW 18
22	8.9	WNW 16	NW 22	NNW 24	NW 24	NW 19	WNW 17	WNW 11	NW 7	NW 4	NW 0	W 2	W 4
23	24.5	SW 11	SW 15	SW 16	SW 14	SW 11	WSW 21	W 25	WSW 35	WSW 38	W 52	W 52	WSW 42
24	22.8	W 38	W 27	W 23	WNW 26	WNW 21	WNW 15	WSW 17	SW 10	SSW 6	SSW 8	SSE 7	SSE 6
25	35.5	WSW 33	WSW 37	SW 31	W 26	WSW 26	WSW 28	WSW 23	W 25	W 28	W 38	WSW 42	WSW 46
26	29.6	WSW 37	WSW 35	WSW 38	WSW 36	WSW 38	WSW 32	WSW 31	WSW 27	WSW 29	WSW 32	WSW 31	WSW 30
27	23.6	WSW 27	WSW 24	WSW 26	WSW 28	WSW 26	WSW 32	W 26	W 18	WSW 14	WSW 11	SW 11	SW 19
28	22.6	WSW 26	WSW 26	WSW 27	WSW 25	WSW 26	WSW 28	WSW 26	WSW 22	WSW 28	WSW 24	WSW 28	W 28
29	13.0	WSW 26	WSW 24	WSW 16	WSW 20	WSW 18	W 17	WSW 11	SW 10	SW 9	SW 4	SSW 5	SSW 7
30	23.8	SE 18	NW 26	NW 40	NNE 28	NE 22	NNE 30	WSW 24	SW 10	W 5	SSE 7	ENE 10	SW 32
31	13.1	WNW 32	WNW 25	WNW 24	W 11	W 12	W 8	W 3	W 4	W 2	W 3	W 5	WSW 8

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). Juli. Säntis.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	WNW 3	WNW 5	WNW 6	NW 9	WNW 10	WNW 17	WNW 19	WNW 22	WNW 17	WNW 11	WNW 12	WNW 8	156
2	WSW 23	W 22	WNW 20	WNW 21	W 25	W 24	WNW 22	WNW 19	WSW 29	WSW 31	WSW 31	WSW 28	556
3	WSW 12	W 18	WSW 20	W 18	WNW 18	WNW 26	WNW 14	WNW 16	WNW 26	WNW 22	WNW 16	WNW 20	470
4	WNW 28	WNW 20	WNW 25	WNW 23	WNW 30	WNW 32	WNW 30	WNW 28	W 26	WNW 22	WNW 19	WNW 29	530
5	WSW 30	WSW 26	WSW 26	WSW 36	WSW 50	WSW 44	WSW 44	WSW 44	WSW 42	WSW 38	WSW 48	WSW 50	752
6	WSW 63	WSW 61	WSW 36	WSW 40	WSW 57	WSW 85	WSW 86	WSW 76	WSW 58	WSW 53	WSW 47	WSW 44	1316
7	WSW 40	WSW 44	WSW 40	W 16	WSW 31	W 25	W 34	W 34	W 32	W 27	W 21	W 18	796
8	NNW 11	NW 15	NW 19	WNW 17	WNW 10	W 11	WSW 19	W 22	WSW 26	W 24	W 21	W 28	357
9	WSW 25	WSW 24	WSW 23	WSW 21	WSW 18	WSW 15	WSW 21	WSW 20	WSW 19	WSW 21	WSW 17	WSW 15	483
10	S 10	SE 26	SSE 30	SSE 20	SW 17	WSW 21	WSW 9	WSW 37	WSW 44	WSW 40	WSW 32	WSW 30	506
11	W 21	WNW 20	WNW 24	WNW 37	WNW 24	WNW 22	WNW 20	WNW 12	WNW 18	WNW 12	WNW 11	WNW 19	487
12	NE 18	NE 14	NNE 17	NNE 11	NNE 16	NNE 18	NNE 16	NNE 12	NNE 12	NNE 15	NE 18	ENE 19	364
13	SW 12	WSW 19	WSW 27	WSW 26	WSW 31	WSW 29	WSW 38	WSW 30	WSW 34	WSW 38	WSW 46	WSW 42	552
14	WSW 40	WSW 25	WSW 32	SW 25	WSW 15	SW 5	SSW 8	SSW 11	SW 20	W 20	S 25	SSW 30	848
15	SW 41	SW 41	WSW 48	WSW 50	WSW 30	WSW 20	WSW 11	W 15	WSW 14	WSW 12	W 22	WNW 27	751
16	W 11	WSW 14	WSW 20	WSW 30	WSW 25	WSW 25	WSW 28	WSW 28	WSW 28	WSW 21	WSW 13	WSW 10	517
17	WSW 28	WSW 18	WSW 24	WSW 27	WSW 27	WSW 20	WSW 20	WSW 22	WSW 27	WNW 19	WNW 15	NW 13	466
18	WSW 30	WSW 36	WSW 32	WSW 38	WSW 37	WSW 37	W 28	WNW 29	WNW 35	WNW 44	WNW 44	WNW 42	642
19	WSW 37	WSW 45	WSW 48	WSW 50	W 40	W 50	WSW 58	WSW 63	W 46	W 39	W 32	WNW 48	910
20	WSW 22	W 32	W 33	WNW 37	WNW 34	WNW 40	WNW 38	WNW 30	WNW 31	WNW 25	WNW 27	WNW 17	784
21	WSW 28	WSW 35	WSW 33	WSW 28	WSW 26	W 26	W 26	WNW 26	W 36	WSW 38	WSW 34	W 40	618
22	WSW 54	WSW 48	WSW 50	WSW 70	WSW 58	WSW 58	WSW 52	WSW 64	WSW 55	WSW 33	WSW 42	WSW 54	1298
23	W 37	W 30	WSW 46	WSW 39	WSW 37	WSW 24	WSW 32	WSW 38	WSW 37	WSW 29	WSW 29	WSW 23	746
24	WNW 20	NW 16	NW 19	NW 14	NNW 11	NNE 13	NNE 14	NE 20	NE 21	NNE 20	NNE 21	NNE 24	462
25	ENE 11	E 9	ENE 9	ENE 9	ESE 10	SSW 3	SSW 4	SSW 3	W 5	W 7	WSW 5	WSW 12	368
26	SW 19	SW 18	WSW 13	SSW 10	SSW 16	WSW 22	WSW 27	WSW 35	WSW 31	WSW 25	SW 30	SW 28	606
27	WSW 35	WSW 30	WSW 25	WSW 28	WSW 39	WSW 37	WSW 44	WSW 32	WSW 38	WSW 28	SW 24	WSW 28	742
28	WSW 20	WSW 19	WSW 20	W 18	WNW 22	W 22	WNW 22	WNW 19	WNW 19	WNW 18	W 28	W 28	538
29	W 24	WSW 29	WSW 28	WSW 26	WNW 24	NW 16	WNW 19	WNW 17	WNW 15	WNW 17	W 24	W 24	530
30	WSW 21	WSW 20	WSW 20	WSW 14	WSW 16	W 25	W 24	W 24	W 30	WNW 30	WNW 31	NW 11	490
31	NE 3	NE 4	NE 4	NE 5	NNE 8	NNE 9	NNE 8	NNE 2	NNE 4	N 15	N 14	N 10	212

August.

1	ESE 7	ESE 5	E 2	E 3	E 1	ENE 6	ENE 10	NE 11	NE 14	NE 16	NE 17	NE 13	270
2	SE 5	SE 6	ESE 5	E 2	E 2	E 2	E 2	ENE 8	ENE 12	NE 14	NE 14	ENE 13	242
3	ESE 3	ESE 2	E 2	E 5	E 7	E 2	E 4	E 7	E 7	E 8	E 8	E 7	245
4	SW 24	WSW 19	WSW 18	WSW 23	WSW 24	WSW 22	W 24	W 26	WSW 30	WSW 30	WSW 34	WSW 28	376
5	WSW 34	WSW 34	WSW 38	WSW 32	W 24	W 16	WNW 31	WNW 31	WSW 41	WSW 41	WSW 42	WSW 36	896
6	WSW 24	W 40	W 46	W 30	W 35	W 45	WSW 52	WSW 36	WSW 46	WSW 44	W 29	W 26	1003
7	WNW 18	NW 18	NW 24	NNW 30	NW 20	NW 14	WNW 23	NNW 23	WNW 19	NNW 22	NNW 15	WNW 16	463
8	WSW 15	WSW 21	WSW 12	WSW 16	WSW 14	W 14	WSW 12	W 14	WNW 13	W 8	W 15	WNW 22	324
9	WSW 20	WSW 26	WSW 47	WSW 35	WSW 50	WSW 44	WSW 44	WSW 38	WSW 32	WSW 31	SSW 27	WSW 24	760
10	WSW 27	WSW 25	WSW 30	WSW 40	WSW 46	WSW 52	WSW 50	WSW 40	WSW 38	WSW 30	WSW 30	SW 30	730
11	WSW 17	SW 17	SW 18	SW 24	WSW 21	WSW 21	SW 22	SW 18	SW 17	WSW 27	WSW 31	WSW 49	560
12	WSW 32	WSW 26	WSW 24	WSW 32	WSW 36	WSW 25	WSW 20	WSW 18	WSW 20	WSW 20	WSW 19	WSW 18	720
13	WNW 22	W 19	WNW 25	W 32	WNW 36	NW 20	NW 20	WNW 21	WNW 23	NW 16	NW 20	NW 27	467
14	WSW 26	SW 25	SW 18	WSW 10	WSW 9	W 4	W 6	W 10	W 6	W 3	WSW 6	W 12	395
15	W 22	WNW 31	WNW 22	WSW 27	WSW 34	WSW 25	WSW 24	WSW 18	WNW 9	WNW 20	WNW 16	WNW 22	488
16	W 7	SW 7	WSW 10	WSW 14	W 10	W 11	WSW 19	WNW 18	WNW 15	WNW 15	WNW 10	WNW 18	288
17	WSW 19	SW 25	SW 23	WSW 32	WSW 32	WSW 38	WSW 34	WSW 33	WSW 25	SW 28	SW 26	WSW 20	648
18	SW 22	S 10	SSW 7	SSW 6	WSW 11	SW 16	SW 12	SW 14	WSW 23	WSW 29	WSW 30	WSW 34	624
19	SW 5	WSW 13	W 27	WSW 20	SW 24	SW 26	SW 26	SW 31	WSW 27	WSW 26	WNW 40	WNW 42	592
20	WSW 33	WSW 37	WSW 32	WSW 36	WSW 38	WSW 32	WSW 32	WSW 23	WSW 31	WSW 24	NW 18	NW 26	890
21	WNW 14	WNW 13	WNW 22	WNW 17	WNW 16	WNW 28	WNW 28	WNW 22	WNW 22	WNW 19	WNW 21	NW 28	416
22	W 3	WSW 2	SW 8	SW 13	SW 9	WSW 6	WSW 7	WSW 6	WSW 0	WSW 1	WSW 4	SW 5	214
23	SSW 16	SW 11	SSW 11	SSW 11	SW 7	SW 11	WNW 17	W 19	W 33	W 38	WSW 40	WSW 42	588
24	S 13	SSW 13	SW 13	WSW 29	WSW 28	SSW 30	SW 25	WSW 27	SW 38	WSW 42	WSW 40	WSW 45	547
25	WSW 44	WSW 46	WSW 44	W 42	W 36	W 34	WSW 40	WSW 34	WSW 38	WSW 40	WSW 36	WSW 36	853
26	WSW 26	WSW 32	WSW 29	WSW 28	WSW 23	WSW 20	WSW 21	WSW 27	WSW 32	WSW 26	W 28	WSW 23	711
27	WSW 30	WSW 31	WSW 31	WSW 26	WSW 23	WSW 27	WSW 23	W 20	W 23	WSW 23	WSW 24	WSW 24	567
28	WSW 25	WSW 27	SW 21	SW 18	SW 15	WSW 12	W 14	W 17	W 19	W 20	W 18	W 22	542
29	SSW 11	SSW 13	SSW 11	SW 14	WSW 9	W 7	W 8	WNW 8	W 12	ENE 7	SSW 30	SSW 15	312
30	SW 36	WSW 30	WSW 24	W 6	NW 20	NNW 22	SW 16	WNW 14	NW 38	WNW 43	WNW 40	W 31	572
31	WSW 11	W 14	W 15	W 19	W 17	WNW 14	WNW 21	WNW 16	W 12	WNW 6	WNW 18	W 14	314

September 1913. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	19.7	WNW 15	W 14	W 15	W 15	W 20	W 25	WNW 28	WNW 18	W 11	W 10	WSW 11	WSW 8
2	25.5	WNW 39	WNW 33	WNW 32	WNW 28	WNW 30	WNW 36	WNW 32	WNW 25	WSW 26	WSW 22	W 21	WNW 16
3	29.2	NW 40	NW 44	NW 42	NW 42	NW 42	NW 38	WSW 34	WSW 44	WSW 32	WSW 21	SW 23	SW 20
4	17.7	WSW 36	WSW 33	WSW 35	WSW 32	WSW 28	WSW 24	WSW 20	W 15	WSW 7	WSW 5	WSW 5	SSE 9
5	31.5	SW 15	WSW 21	WSW 23	WSW 17	SW 12	WNW 29	W 38	W 43	W 37	WSW 34	WSW 43	WSW 41
6	19.6	WSW 46	WSW 52	WSW 50	WSW 46	WSW 40	WSW 40	WSW 29	WSW 29	WSW 23	SW 19	SW 22	SW 7
7	3.0	S 7	S 10	S 1	S 2	S 5	SW 10	SW 5	SW 2	SW 2	SW 1	SW 0	WSW 2
8	8.6	SSE 13	SSW 20	SSW 18	SW 12	SSW 7	SSW 5	SW 6	SW 10	SSW 12	SW 4	SW 0	SW 1
9	21.7	SW 10	WSW 17	W 19	WNW 20	W 30	W 28	WSW 24	SW 18	SW 11	SW 9	SSW 10	SSW 11
10	25.1	WSW 46	WSW 50	WSW 44	WSW 55	WSW 47	WSW 48	WSW 50	W 56	W 31	NW 15	WNW 24	NW 18
11	5.3	N 0	N 2	N 12	N 9	N 5	N 6	NNE 7	NNE 5	NE 10	NE 2	SE 7	SSE 16
12	17.7	SE 4	SE 3	SE 5	SE 8	SE 1	SE 0	E 1	ESE 10	SE 26	SE 23	SSE 27	SSW 30
13	15.9	WSW 26	WSW 22	WSW 22	WSW 20	WSW 13	WSW 8	WSW 0	WSW 0	WSW 1	SSE 7	SSE 17	S 18
14	24.8	WSW 19	W 15	WSW 15	SW 19	WSW 18	SW 14	SSW 20	SSW 20	SSW 20	SSW 22	SSW 34	SSW 26
15	28.5	SSW 16	SSE 16	SSE 24	SE 22	SE 18	SE 34	E 30	WSW 56	W 38	WNW 40	WSW 43	S 21
16	24.3	W 12	W 6	W 12	W 10	W 21	W 23	SSW 18	SW 32	WSW 24	WSW 32	WSW 32	WSW 28
17	31.5	SSW 27	S 18	SSE 18	S 26	SSE 36	E 34	WSW 38	WSW 46	WSW 46	WSW 44	SW 32	WSW 24
18	17.2	SSW 27	SSW 25	SSE 18	SSE 18	SSE 16	SSE 20	ESE 17	SSE 15	SE 18	SE 26	E 26	SE 16
19	9.6	W 13	W 15	W 11	W 11	W 7	W 5	WSW 7	WSW 0	WSW 0	WSW 1	WSW 1	SW 0
20	15.8	NW 20	NW 21	NW 14	NW 18	NW 13	NW 9	NW 17	NW 18	NW 10	WNW 9	W 11	WSW 10
21	13.7	WSW 36	WSW 30	WSW 24	W 24	W 17	W 14	WSW 7	WSW 10	SW 10	SW 16	SW 12	SW 14
22	12.9	WSW 8	WSW 3	WSW 1	WSW 5	WSW 12	WSW 8	WSW 9	SW 3	SW 0	SW 2	SW 5	SW 7
23	20.4	SW 24	SW 30	SW 30	SW 28	SW 30	SW 28	WSW 24	WSW 24	WSW 20	WSW 22	WSW 40	WSW 26
24	29.3	W 20	W 23	W 29	W 28	W 28	W 30	WSW 28	SW 26	WSW 28	SW 18	SW 22	SW 22
25	35.2	WSW 44	WSW 44	WSW 48	WSW 45	WSW 45	WSW 50	WSW 36	WSW 34	WSW 30	WSW 33	WSW 33	SW 22
26	15.3	WNW 36	WNW 33	WNW 30	NW 33	NW 30	NW 26	NNE 23	NNE 23	NNE 13	ENE 2	ENE 1	E 1
27	10 0	NE 16	NE 14	NE 16	NE 15	NE 15	NNE 14	NNE 14	NNE 8	NNE 3	ENE 0	E 6	E 6
28	11.3	NE 10	NE 7	NE 1	NE 5	NE 6	NE 7	NE 13	NE 18	NE 13	S 15	S 11	S 11
29	11.3	SW 15	SW 16	SW 15	SW 16	SW 14	SW 11	SW 6	SW 3	SW 0	SSW 0	SSE 5	SE 0
30	16.1	S 15	SSE 9	SE 9	SE 10	SE 4	SSE 14	SSE 14	SSE 13	SSE 19	SSE 20	SSE 34	S 20

Oktober.

1	16.3	S 0	S 6	S 14	E 18	NNE 18	E 7	ESE 10	ESE 11	SE 12	SE 16	SSE 20	SE 20
2	16.3	ESE 23	SSE 24	SE 26	SSE 21	SSE 23	SSE 22	SSE 13	SSE 8	SSE 7	SE 10	SE 12	SSW 18
3	14.5	SSW 11	SSW 11	SSW 12	S 19	SSW 19	SW 17	SW 22	WSW 20	SW 13	SSW 7	SSW 14	SSW 16
4	22.4	SW 19	SW 17	SW 22	SW 19	SW 19	SSW 26	SW 18	SW 22	WSW 23	WSW 27	SSW 30	S 21
5	24.0	WNW 37	WNW 38	WNW 38	W 34	WNW 28	WNW 27	WSW 29	WSW 20	WSW 34	WSW 28	WSW 21	SSW 7
6	22.5	WSW 13	WSW 16	WSW 24	WSW 24	WSW 30	WSW 30	WSW 27	WSW 29	WSW 38	WSW 30	WSW 23	WSW 21
7	30.7	SW 11	SW 23	SW 34	WSW 44	WSW 36	WSW 28	SSW 15	S 17	SSW 24	SSW 30	SW 28	SW 20
8	36.7	SW 52	SW 42	SSW 44	SSW 44	S 39	S 32	SSW 41	SSW 35	SSW 39	SSW 27	SSW 23	S 42
9	21.0	WSW 28	WSW 28	WSW 25	WSW 23	WSW 23	WSW 24	WSW 23	SSW 24	SSW 24	WSW 27	WSW 24	WSW 27
10	29.8	W 10	W 10	W 10	W 9	W 8	W 8	WSW 4	SW 11	SW 13	SW 12	SW 20	WSW 27
11	46.6	WSW 60	WSW 56	WSW 56	WSW 52	WSW 44	WSW 34	WSW 32	WSW 34	WSW 32	WSW 42	WSW 52	WSW 72
12	22.3	WSW 42	W 31	WNW 23	WNW 27	WSW 35	W 27	WSW 25	WSW 26	WSW 20	WSW 26	WSW 28	WSW 26
13	4.2	WSW 18	W 15	W 14	W 12	NW 3	NW 4	NW 3	N 1	N 1	NNE 0	NNE 0	N 1
14	27.6	ENE 11	ENE 11	ENE 23	ENE 32	ENE 34	ENE 30	NE 29	ENE 21	SW 29	E 25	E 24	NNE 26
15	28.3	N 20	N 20	NNW 22	NNW 26	NNW 18	NNW 19	NNE 9	NNE 9	NNE 11	N 19	WSW 27	WSW 28
16	16.5	WSW 7	E 8	ESE 14	SSE 13	ESE 15	ESE 12	ENE 14	ENE 18	ENE 17	ENE 21	ENE 14	NE 13
17	20.9	NNE 24	NNE 24	NNE 27	NNE 32	NNE 34	NNE 35	NE 35	NE 35	NE 25	NNE 26	NNE 23	NW 19
18	7.6	NNE 16	NNE 11	NE 18	NNE 11	NNE 10	NNE 9	NE 8	NE 9	NE 12	NE 12	ENE 11	ENE 4
19	13.4	S 1	SSE 3	SE 4	SE 7	E 12	ESE 13	NE 16	ENE 17	ENE 15	ESE 18	ESE 24	SE 22
20	16.8	SSW 8	WSW 13	NW 5	NW 6	NW 2	NNW 5	NNW 7	NNW 7	NNE 14	NNE 11	ENE 9	E 11
21	36.0	SSW 38	SW 40	SSW 36	SSW 34	SSW 33	SSW 35	SSW 32	SSW 28	SSW 29	SSW 37	SSW 48	SW 30
22	37.8	SW 7	ESE 11	SSE 27	SSE 34	S 38	SSW 36	SSW 42	SW 68	SSW 52	S 45	SE 38	NNW 37
23	31.5	SW 56	SSW 42	SSW 38	SSW 37	SW 39	SSW 36	SSW 43	SSW 45	SSW 36	SSE 31	SSW 27	SW 22
24	40.8	WNW 19	NW 24	WNW 42	WNW 51	WNW 49	WNW 48	W 43	W 39	WSW 44	WSW 48	WSW 60	WSW 52
25	31.1	WSW 43	WSW 44	WSW 49	WSW 45	WSW 34	WSW 36	WSW 39	WSW 45	WSW 39	WSW 37	SW 38	SW 30
26	37.0	SE 22	SSE 28	SSE 24	S 22	SSW 26	SSW 28	SW 24	SSW 32	SW 28	SW 32	SW 40	SW 44
27	34.5	SSW 25	SSW 26	SSW 28	SSW 28	SSW 33	SSW 33	SSW 34	SSW 36	SSW 35	SSW 34	SSW 33	SSW 40
28	40.4	SSW 28	SSW 30	SSW 31	SSE 31	SSE 40	S 48	SSW 58	SSW 60	SW 70	S 56	S 49	WSW 35
29	39.8	ESE 45	ESE 45	ESE 47	ESE 43	ESE 42	ESE 26	SSW 24	SSW 34	SSW 30	SW 40	SSE 48	SSW 48
30	20.3	S 38	SSE 26	SSE 32	SE 38	ESE 38	ESE 21	SSW 20	SW 27	SSW 12	SSE 23	SE 25	SSE 24
31	12.5	SW 7	SW 2	SW 0	SW 2	SW 5	SW 4	SW 3	SW 3	SSW 9	SW 18	WSW 21	WSW 20

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). **September.** Säntis.

Tag	12^{30} p–1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	SW 11	WSW 11	WSW 22	WSW 20	NW 11	NW 11	WNW 27	WNW 32	WNW 31	WNW 32	WNW 42	WNW 32	472
2	WNW 13	NW 13	WNW 14	WNW 20	NW 13	WNW 22	NNW 27	NNW 24	NNW 31	NNW 33	NNW 25	NW 37	612
3	SW 18	WSW 20	SW 20	WSW 20	WSW 18	W 11	W 14	W 15	WSW 30	WSW 40	WSW 38	WSW 34	700
4	S 18	SSW 17	SW 18	SW 19	SW 7	SW 3	WSW 7	SSE 7	SSW 15	SSW 28	SSW 21	SW 16	425
5	W 26	WSW 32	W 38	W 36	W 26	W 26	W 26	WSW 30	WSW 40	WSW 38	WSW 40	WSW 46	757
6	SW 8	SW 10	SW 9	SW 10	SW 4	SW 2	SW 3	SW 3	SW 3	S 4	S 4	S 8	471
7	WSW 2	SSW 1	WSW 1	SW 0	SW 1	SW 0	S 2	SE 1	SE 1	SE 0	SE 5	SSE 11	72
8	SSW 2	SSW 3	WSW 12	WSW 8	SW 5	SW 3	SW 4	SW 8	SW 10	SW 15	WSW 17	WSW 12	207
9	SSW 13	SSW 16	SSW 18	WSW 19	WSW 23	WSW 26	WSW 24	WSW 24	WSW 32	WSW 34	WSW 47	W 39	522
10	WNW 15	N 18	N 21	N 14	NE 6	NNE 16	N 10	N 6	N 7	N 3	N 2	N 0	602
11	S 15	S 9	S 6	S 2	S 1	S 0	S 1	S 2	SSE 7	SE 1	SE 0	SE 1	126
12	WSW 34	WSW 28	WSW 33	WSW 31	WSW 23	SW 13	SW 14	SW 13	SW 12	WSW 23	WSW 30	WSW 34	426
13	SSW 20	SSW 20	SSW 20	SSW 14	SW 13	SW 11	SSW 22	SSW 26	SSW 22	SSW 28	SW 18	SW 14	382
14	SSW 40	S 25	S 24	S 38	SSE 26	S 41	SSW 37	SSW 31	SSE 14	SSE 24	S 27	SSE 27	596
15	S 22	S 32	SSW 30	WSW 29	W 26	W 27	W 34	W 35	W 27	W 22	W 22	W 20	684
16	WSW 22	WSW 24	SW 26	SW 24	SW 30	SSW 27	SSE 25	SE 27	ESE 25	E 36	ENE 30	W 37	583
17	WSW 29	SW 17	SSW 22	WSW 26	WSW 25	SW 23	SW 43	SW 35	SW 34	SSW 48	SSW 36	SSW 28	755
18	SE 12	SE 18	SSE 11	SSE 11	SSW 10	SW 16	WSW 20	W 10	W 12	W 15	W 15	W 20	412
19	WSW 1	NNE 5	N 6	N 5	NW 20	NW 22	NW 28	NW 16	NNE 11	NW 6	NW 15	NW 24	230
20	WSW 10	SW 12	SW 14	WSW 19	WSW 25	WSW 11	SW 0	SW 0	SW 19	SW 24	SW 36	WSW 40	380
21	SW 3	SW 8	SW 13	SW 8	SW 12	SW 9	WSW 11	WSW 16	WSW 8	WSW 11	WSW 8	WSW 8	329
22	SW 12	SW 14	SW 17	WSW 19	WSW 22	SW 16	SW 22	SW 26	SW 21	SW 25	SW 25	SW 27	309
23	WSW 24	WSW 12	W 11	W 11	W 17	W 19	W 12	W 14	W 13	W 6	W 9	W 16	490
24	SW 24	SW 24	SW 22	WSW 31	WSW 31	WSW 33	WSW 37	WSW 38	WSW 37	WSW 41	WSW 41	WSW 43	704
25	SW 24	WSW 28	WSW 34	WNW 32	WSW 30	WSW 30	WSW 31	WSW 27	WNW 30	WNW 38	WNW 38	WNW 38	844
26	ESE 2	ESE 6	ESE 9	SE 7	SE 6	SE 4	ENE 17	ENE 9	ENE 11	ENE 14	NE 14	NE 18	368
27	E 6	ESE 7	SSE 8	S 9	S 14	SSE 13	SE 10	SE 10	ESE 11	ESE 6	E 9	ENE 9	239
28	SSW 9	S 9	SSW 13	SSW 13	S 12	S 10	SSW 9	SSW 4	S 15	SSW 17	SSW 20	SSW 22	270
29	SSW 12	SSW 18	SSW 17	SSW 17	SSW 13	SSW 14	SSW 16	SSE 17	SSE 16	S 16	S 4	S 11	272
30	SSW 24	SSW 21	S 17	SSW 27	SSW 34	SSW 23	SSE 17	S 23	S 11	S 7	S 2	S 0	387

Oktober.

1	SE 16	SSE 16	SSE 13	S 17	SE 20	SE 17	SSE 23	SE 28	ESE 27	SE 21	SE 20	ESE 21	391
2	SSW 20	SSW 26	SSW 22	SSW 16	SSW 16	SSW 18	SSW 20	S 13	S 9	S 10	S 6	S 9	392
3	SSW 11	S 10	SSE 12	SSW 15	SSW 12	SW 12	SSW 11	SW 19	SW 20	SW 18	SW 13	SW 15	349
4	SSW 15	SSW 26	SSW 14	SSW 19	SW 21	SW 18	SW 16	WSW 14	WNW 18	WNW 30	WNW 39	WNW 44	537
5	SSW 8	S 2	S 5	WSW 16	WSW 29	WSW 45	WSW 43	WSW 28	WSW 18	WSW 18	WSW 16	WSW 7	576
6	WSW 9	SSE 7	SSE 18	SSW 20	SSW 21	S 21	S 22	SSW 26	SW 25	SW 28	SW 23	SW 16	541
7	SSW 16	WSW 24	WSW 29	WSW 29	SW 32	SW 24	SW 37	SW 39	SW 42	SW 52	SW 52	SW 52	738
8	SSW 38	SSW 32	SSW 23	SSE 20	SSW 20	WSW 31	WSW 46	WSW 46	WSW 44	WSW 50	WSW 36	WSW 34	880
9	WSW 21	SW 15	SW 20	SW 22	WSW 20	WSW 22	WSW 18	WSW 17	WSW 15	WSW 14	W 12	W 9	505
10	SW 29	SW 34	WSW 34	WSW 38	WSW 46	WSW 46	WSW 48	WSW 60	WSW 62	WSW 56	WSW 59	WSW 61	715
11	WSW 27	WSW 43	WSW 38	W 50	WSW 54	WSW 52	WSW 50	WSW 48	WSW 50	WSW 44	W 48	W 48	1118
12	W 26	W 23	W 19	WNW 12	W 16	WSW 22	WNW 13	WSW 15	W 12	W 17	W 11	WSW 14	536
13	N 0	N 0	N 0	N 1	N 0	N 0	N 0	N 0	NNE 10	NE 3	ENE 7	ENE 8	101
14	NE 32	NW 34	W 30	NE 34	NE 30	NE 34	W 26	W 26	NE 34	NE 38	NE 26	NNE 24	663
15	W 40	W 36	W 47	W 37	WSW 44	WSW 48	SW 48	SSW 48	WSW 44	SW 32	SW 19	WSW 8	679
16	NE 15	NE 12	NE 12	NE 13	NNE 17	NNE 19	NNE 22	NE 27	NNE 24	NNE 26	NNE 22	NNE 22	397
17	ENE 13	ESE 14	ESE 20	ESE 20	SE 12	E 4	E 15	E 7	ENE 10	NE 14	NNE 18	NE 15	501
18	ESE 3	E 6	ESE 4	SE 4	SSW 10	SSW 9	SSW 8	SSW 8	SSW 0	SSW 0	SSW 0	SSW 0	183
19	SSE 18	SSW 18	SW 16	SW 14	SW 12	SW 8	SW 6	SSE 9	SSE 15	SSE 16	SSE 19	SSE 18	321
20	SE 12	SSE 15	SSE 16	SSE 20	SSW 24	SSW 34	SSW 29	SSW 31	SSW 28	SSW 30	SSW 33	SSW 33	403
21	SW 40	SW 39	SW 39	SSW 40	SW 44	SSE 32	SSE 34	SSW 40	SSW 34	SSW 38	SSW 34	SSW 29	863
22	SW 32	ESE 36	E 38	E 26	SW 38	SSW 39	SW 45	SW 48	SW 42	SW 36	SW 44	SW 48	907
23	WSW 24	WSW 22	WSW 14	SW 15	SSW 18	SW 20	WNW 19	WNW 26	W 34	WSW 52	WSW 34	W 27	757
24	WSW 50	WSW 46	WSW 45	WSW 41	WSW 34	WSW 44	WSW 43	WSW 39	W 32	W 31	W 28	WSW 28	980
25	SW 36	SSW 34	SW 37	WSW 37	WSW 34	WSW 26	SW 14	SE 6	WSW 7	NW 8	SE 9	SSE 20	747
26	SW 42	SW 44	S 39	SSW 49	SSW 79	SSW 51	SSW 48	SSW 40	SW 44	SSW 43	SSW 32	SSW 28	889
27	SSW 36	SW 42	SW 40	SW 36	SSW 43	SSW 43	SSW 40	SSW 34	SSW 31	SSW 36	SSW 33	SSW 30	829
28	S 29	ENE 27	NE 24	NE 30	NE 42	ENE 42	ENE 39	S 37	E 38	ENE 48	NE 38	S 40	970
29	SSE 40	SSE 42	S 34	SSW 34	ESE 36	S 50	S 51	S 35	S 46	SSE 41	SSE 31	SSW 42	954
30	SSE 18	SSE 8	S 13	WSW 13	S 10	SE 17	S 15	SSW 16	SW 19	SW 16	SW 14	SW 5	488
31	WSW 18	SW 18	WSW 22	WSW 17	SSW 15	SSW 22	S 21	S 23	SSW 14	SW 12	SW 11	WSW 12	299

November 1913. $h_a = 6.0^m$. **Stündliche Aufzeichnungen des Anemometers.**

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	15.8	W 11	W 7	W 0	W 0	WSW 2	S 8	SSW 10	SW 13	WSW 14	WSW 15	WSW 16	WSW 15
2	38.9	WSW 32	WSW 30	W 46	WSW 38	WSW 32	WSW 36	WSW 26	WSW 30	WSW 40	WSW 36	WSW 42	W 30
3	39.2	WSW 32	WSW 36	WSW 40	WSW 42	WSW 43	WSW 37	WSW 33	SW 26	WSW 31	WSW 41	WSW 41	WSW 40
4	26.3	WSW 37	WSW 39	WSW 34	WSW 40	WSW 38	WSW 32	WNW 26	WSW 25	WSW 27	WSW 30	WSW 24	WSW 23
5	27.5	WSW 34	WSW 34	WSW 42	WSW 37	WSW 31	WSW 22	WSW 22	WSW 18	WSW 15	WSW 19	WSW 14	WSW 18
6	24.0	SW 27	WSW 34	W 28	SE 25	ESE 18	ESE 12	WSW 17	WSW 17	WSW 19	SW 18	WSW 14	WNW 10
7	17.1	S 10	SE 14	S 13	WSW 17	WSW 18	WSW 26	WSW 29	WSW 27	WSW 28	WSW 24	WSW 14	WSW 15
8	27.2	SW 9	SSW 9	S 14	SSE 16	SSE 18	S 16	WSW 26	WSW 30	WSW 30	WSW 23	WSW 15	WSW 20
9	32.8	SSW 36	SSW 32	S 29	S 30	S 25	S 28	WSW 33	WSW 33	WSW 36	WSW 34	WSW 34	WSW 33
10	15.0	WSW 34	WSW 31	WSW 28	WSW 22	WSW 19	WSW 20	WNW 8	NNW 8	N 6	NNW 1	SSW 15	SSW 9
11	38.9	SW 16	SSW 27	SSW 23	SW 27	SW 25	WSW 28	SSW 21	SSW 24	SSW 28	SW 36	SW 51	WSW 43
12	50.2	WSW 40	SW 44	SW 40	SW 39	WSW 41	WSW 46	SW 46	WSW 51	WSW 63	WSW 61	WSW 57	SW 52
13	34.4	SSW 18	WNW 48	WNW 52	WNW 42	WNW 34	WNW 32	WSW 32	WSW 29	WSW 37	WSW 42	WSW 50	WSW 40
14	35.4	SW 21	SW 22	SW 24	SW 24	SW 31	SW 27	WSW 34	WSW 32	WSW 46	WSW 48	WSW 37	SW 27
15	30.5	WSW 40	WSW 34	WSW 30	WSW 26	WSW 24	WSW 22	WSW 42	WSW 40	WSW 38	WSW 40	WSW 40	WSW 40
16	30.3	SSE 22	SE 22	SE 26	SE 30	SSE 34	SSE 36	WSW 50	SW 52	SW 46	SW 44	SW 38	WSW 44
17	22.0	SW 16	SW 13	SW 13	SW 14	SW 11	SW 10	WSW 17	SW 20	S 38	SSE 44	SSE 56	WSW 42
18	36.6	N 14	N 16	N 22	N 25	N 25	N 24	WSW 20	SW 27	SW 25	WSW 28	WSW 25	SW 21
19	26.9	W 58	W 50	W 47	W 45	W 41	W 33	WSW 30	WSW 29	WSW 26	NW 30	NNW 21	WSW 23
20	43.2	SSW 14	SSW 22	SSW 32	SSW 39	SSW 53	SSW 52	WSW 45	WSW 55	WSW 51	WSW 49	WSW 50	WSW 37
21	21.8	SW 24	SW 14	SW 13	S 15	S 16	SSW 19	SW 20	SW 19	SSW 21	SW 19	SW 24	SW 28
22	19.8	SSW 27	S 23	S 20	S 18	S 17	S 21	SSW 17	SSW 19	SW 26	SW 20	SW 21	SW 14
23	28.0	SE 20	SSE 17	SSE 26	SSE 12	S 16	SSE 20	SSW 25	SSW 38	SSW 35	SW 39	SW 51	SW 31
24	17.2	NE 25	NW 14	NW 12	WNW 14	WNW 15	WNW 22	ESE 22	ENE 24	ENE 16	NNW 5	ENE 6	ENE 13
25	11.2	WSW 21	WSW 20	WSW 18	WSW 19	WSW 20	WSW 20	WSW 21	WSW 18	WSW 13	SW 7	SW 10	W 13
26	11.7	NNE 5	NNE 4	NE 3	NE 2	NNE 2	NE 2	NE 2	NNE 6	NNE 5	NNE 5	ENE 8	SE 21
27	23.4	WSW 32	WSW 33	WSW 39	WSW 46	WSW 42	WSW 45	WSW 31	WSW 24	WSW 22	SW 24	SW 32	SW 27
28	21.3	ESE 15	ESE 12	ESE 14	ESE 13	E 14	E 8	WNW 28	S 20	WSW 25	SW 27	SSW 32	WSW 22
29	27.6	NW 23	NW 19	NW 18	NW 19	NW 18	NW 15	NNW 14	NW 20	NNW 25	NNW 26	NNW 27	NW 7
30	28.1	SW 39	WSW 34	W 34	W 32	WNW 28	WNW 16	W 7	W 7	W 14	W 28	WSW 37	WSW 33

Dezember.

Tag	Mittel	0^{30}–1^{30} a	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} p
1	58.2	WSW 37	WSW 38	WSW 44	WSW 51	WSW 60	WSW 62	WSW 68	WSW 60	WSW 64	WSW 66	WSW 74	WSW 64
2	23.2	WSW 34	WSW 31	WSW 29	WSW 24	WSW 19	WSW 17	WSW 24	WSW 19	WSW 15	WSW 15	WSW 17	WSW 10
3	57.2	WSW 40	WSW 40	WSW 42	WSW 46	WSW 62	WSW 66	WSW 68	WSW 62	WSW 70	WSW 74	WSW 78	WSW 68
4	34.4	SW 33	WSW 25	WSW 21	WSW 32	WSW 28	SW 24	WSW 32	SW 77	SW 23	SW 20	SW 32	SSW 22
5	32.1	W 30	W 37	W 32	W 38	WSW 24	W 28	WSW 30	W 30	W 27	W 23	W 27	W 31
6	25.8	SSE 37	S 31	WSW 19	WSW 8	WSW 9	WSW 10	WSW 18	WSW 23	WSW 33	WSW 36	WSW 48	WSW 32
7	15.8	WSW 14	WSW 12	WSW 12	WSW 8	WSW 6	WSW 6	WSW 15	WSW 11	WSW 14	SW 15	SW 15	WSW 20
8	11.6	SSE 5	SSE 10	SSE 11	SSE 10	SSE 11	SSE 11	NNE 11	NE 2	NE 4	N 6	N 1	N 2
9	33.9	WSW 32	WSW 28	SW 30	S 28	S 36	SE 40	WSW 52	SW 52	WSW 36	WSW 42	WSW 36	WSW 37
10	28.8	WSW 40	WSW 44	WSW 46	WSW 44	WSW 42	WSW 36	SW 31	SW 27	SW 32	SW 28	SW 19	W 13
11	18.0	NW 17	NW 22	NW 22	ENE 24	SW 24	WSW 24	WSW 30	WSW 42	WSW 34	WSW 25	WSW 21	WSW 14
12	38.6	NE 18	NE 12	NE 18	ENE 10	ENE 12	NE 18	WSW 26	WSW 32	WSW 42	WSW 38	WSW 60	WSW 45
13	19.3	WSW 56	WSW 42	WSW 35	WNW 31	WSW 19	WSW 17	WSW 17	W 24	WSW 13	WSW 17	WSW 17	WSW 26
14	37.9	SSW 15	SSW 18	WSW 16	NE 14	ENE 7	WSW 6	WSW 20	SW 23	SW 19	SW 21	SW 32	SW 8
15	18.5	E 27	NE 26	NE 24	NE 24	NE 24	NE 21	WSW 22	WSW 26	WSW 27	WSW 19	WSW 12	WSW 17
16	28.2	WSW 12	WSW 11	W 11	W 12	WNW 14	ENE 16	SW 21	WNW 18	WNW 21	NW 20	WNW 35	WSW 35
17	27.0	SW 60	SW 62	SW 46	SW 46	SW 38	SW 42	WSW 34	SW 32	SSW 32	SW 24	SW 28	S 26
18	2.7	WSW 6	WSW 1	SW 0	WSW 0	W 0	NE 1	NE 2	NE 3	NE 3	ENE 4	ENE 7	NE 5
19	12.8	ENE 1	ENE 2	SSE 2	SSE 7	SSE 11	SSE 10	ESE 14	E 10	E 9	ESE 1	SE 3	E 3
20	22.0	S 22	S 30	SW 26	SW 22	E 11	E 11	ESE 18	ESE 26	ESE 28	ESE 26	E 42	ESE 26
21	15.4	WNW 14	WNW 14	WNW 14	WNW 19	WNW 26	WNW 10	NE 2	NE 2	NE 4	NE 6	NE 12	NE 3
22	10.7	NNE 22	NNE 22	NNE 20	NNE 17	N 17	N 20	NNE 16	NNE 17	NE 13	NNE 15	N 16	N 13
23	40.0	S 6	S 3	S 2	SSW 16	SW 35	WSW 45	WSW 42	WSW 42	SW 42	SW 41	WSW 37	WSW 46
24	44.5	SW 38	WSW 40	WSW 33	W 37	W 40	W 44	WSW 40	WSW 44	WSW 34	WSW 42	WSW 40	SW 32
25	8.8	NW 23	NW 10	NW 14	NW 13	NW 6	NW 4	NW 1	E 7	ENE 3	NNW 4	NW 4	NW 4
26	44.8	NNW 10	NW 16	NW 16	NNW 24	NNW 32	NNW 41	WSW 29	WSW 33	WSW 35	WSW 40	WSW 43	WSW 27
27	103.2	WSW 70	WSW 78	WSW 92	WSW 86	WSW 99	WSW 97	WSW 106	WSW 112	WSW 100	WSW 104	WSW 110	
28	55.0	WSW 86	WSW 78	WSW 70	WSW 52	WSW 48	WSW 32	WSW 22	WSW 36	WSW 42	SSW 62	SW 54	SW 54
29	5.2	SSE 11	NW 13	NW 11	NW 11	NNW 12	NNW 11	WSW 12	WNW 5	WNW 3	WNW 3	WNW 0	WNW 0
30	2.7	WNW 2	NNW 3	NNW 1	NNW 0	NNW 3	NNW 0	NW 0	WNW 3	WNW 8	WNW 3	WNW 6	NW 3
31	3.0	NNW 0	NNW 2	NNW 0	NNW 0	NW 0	NW 0	NNW 2	NNW 4	NNW 3	NNE 5	NE 4	NNE 2

Windrichtung und Geschwindigkeit (Kilometer pro Stunde). November. Säntis.

Tag	12^{30} p-1^{30}	1^{30}–2^{30}	2^{30}–3^{30}	3^{30}–4^{30}	4^{30}–5^{30}	5^{30}–6^{30}	6^{30}–7^{30}	7^{30}–8^{30}	8^{30}–9^{30}	9^{30}–10^{30}	10^{30}–11^{30}	11^{30}–12^{30} a	Summe
1	WSW 20	WSW 14	WNW 16	W 9	SSW 5	SSE 17	S 23	SW 20	WSW 24	WSW 42	W 34	WNW 44	379
2	WSW 51	WSW 52	WSW 49	WSW 48	WSW 38	WSW 42	WSW 44	WSW 50	WSW 42	WSW 36	WSW 26	WSW 38	934
3	WSW 42	WSW 44	WSW 46	WSW 50	WSW 47	WSW 45	WSW 42	WSW 40	WSW 39	WSW 35	WSW 36	WSW 32	940
4	WSW 30	WSW 31	WSW 27	W 24	W 23	W 16	W 12	SSW 13	SSW 13	WSW 14	WSW 24	WSW 30	632
5	SW 18	SW 18	WSW 22	WSW 41	WSW 35	WSW 34	WSW 24	SW 15	WSW 25	WSW 28	WSW 47	WSW 48	661
6	WSW 16	WSW 25	WSW 27	WSW 34	WSW 35	WSW 36	WSW 33	WSW 34	WSW 36	WSW 32	SSW 18	SSW 10	575
7	WSW 15	WSW 16	WSW 13	WSW 12	WSW 13	WSW 14	WSW 17	WSW 15	WSW 17	WSW 18	SW 19	SW 6	410
8	WSW 21	WSW 20	WSW 22	WSW 29	WSW 36	WSW 40	WSW 44	WSW 48	WSW 38	SSW 50	SSW 42	SSW 38	654
9	WSW 30	WSW 27	WSW 30	WSW 28	WSW 32	WSW 40	WSW 40	WSW 38	WSW 35	WSW 34	WSW 33	WSW 38	788
10	SSW 15	SW 15	SSW 15	SSW 12	S 9	SSW 15	SSW 13	SSW 11	SW 12	SW 14	SW 16	SW 11	359
11	WSW 44	WSW 51	WSW 49	SW 40	SW 38	SW 45	SW 51	SW 58	SW 56	SW 50	SW 53	WSW 49	933
12	WSW 62	WSW 53	WSW 65	WSW 70	WSW 72	W 65	W 55	W 58	W 42	WSW 32	WNW 24	SW 26	1204
13	WSW 32	WSW 34	WSW 24	WSW 22	WSW 36	WSW 34	WSW 40	WSW 38	WSW 30	SW 30	SW 24	SW 25	825
14	SW 31	WSW 29	WSW 34	WSW 38	WSW 41	WSW 41	WSW 40	WSW 43	WSW 51	WSW 45	WSW 43	WSW 40	849
15	WSW 36	WSW 35	WSW 35	SW 22	SE 26	SE 24	ESE 26	SE 24	SE 21	SSE 21	SSE 22	SSE 24	732
16	WSW 34	WSW 33	SW 15	SW 24	SW 18	SW 22	SW 34	SW 28	SW 19	SW 19	SW 20	SW 16	726
17	WSW 28	SW 19	SE 14	ESE 13	S 19	ESE 23	ENE 23	ENE 21	NW 22	N 18	N 17	N 17	528
18	WSW 24	W 28	W 36	WSW 47	WSW 49	WSW 46	WSW 48	WSW 52	WSW 64	WSW 70	W 60	W 82	878
19	WSW 20	WSW 18	WSW 22	SSW 17	SSW 20	SSW 18	SW 16	SSW 20	SW 18	SSW 18	SSW 14	SW 12	646
20	WSW 43	WSW 43	WSW 45	WSW 52	WSW 53	WSW 57	WSW 52	WSW 50	WSW 46	WSW 38	WSW 33	WSW 27	1038
21	WSW 25	WSW 25	WSW 24	S 12	S 17	SSW 20	S 22	S 22	S 20	S 37	SSW 36	SSW 32	524
22	SSW 10	SSW 11	SSE 16	SSE 25	SSE 21	SSE 25	SSE 25	ESE 20	ENE 20	S 20	SE 20	SE 19	475
23	SSW 21	SSW 20	S 30	S 30	NE 30	NE 32	NNE 37	NNE 35	NNW 33	NW 24	ESE 25	ENE 24	671
24	NE 9	WSW 5	WSW 5	W 9	WSW 14	WSW 20	WSW 22	WSW 26	WSW 26	WSW 30	WSW 27	WSW 31	412
25	WNW 12	WNW 12	NW 8	NW 8	W 2	NW 1	NNW 4	NNW 5	NNW 6	NNW 7	NNE 2	NNE 2	269
26	SSE 23	SE 20	SSE 11	S 15	SW 11	WNW 18	NW 10	NW 9	NW 11	W 22	WSW 30	WSW 36	281
27	E 14	SW 15	E 14	E 14	WNW 13	WSW 13	ESE 14	E 15	SE 11	SE 14	ESE 12	ESE 16	562
28	WSW 12	WSW 12	WSW 36	W 30	W 22	W 23	NW 24	NW 24	NW 25	NW 26	NW 24	NW 24	512
29	WNW 11	W 36	W 46	WSW 38	SW 30	SW 36	SSW 32	SSW 44	SSW 44	SSW 36	SSW 44	SSW 35	663
30	SW 34	SW 24	SSW 28	SW 28	WSW 30	WSW 29	WSW 32	WSW 34	WSW 30	WSW 32	WSW 33	WSW 32	675

Dezember.

1	WSW 70	WSW 70	WSW 75	WSW 69	WSW 68	WSW 70	WSW 62	WSW 58	WSW 52	WSW 44	WSW 35	WSW 37	1398
2	WSW 14	WSW 18	WSW 18	WSW 17	WSW 19	WSW 20	WSW 22	WSW 26	WSW 34	WSW 42	WSW 38	WSW 34	556
3	WSW 70	WSW 62	WSW 61	WSW 57	WSW 70	SW 58	SW 54	SW 46	WSW 50	SW 52	SW 45	SW 32	1373
4	SW 30	WSW 36	SW 28	WSW 30	WNW 30	WNW 44	WNW 62	WNW 60	WNW 57	W 67	W 43	W 30	826
5	W 20	WSW 24	WSW 26	WSW 31	WSW 29	WSW 32	WSW 32	WSW 44	WSW 48	WSW 48	WSW 44	WSW 36	771
6	WSW 36	WSW 38	WSW 34	WSW 27	WSW 26	WSW 31	WSW 18	WSW 24	WSW 20	WSW 23	WSW 17	WSW 20	618
7	WSW 22	WSW 12	WSW 16	WSW 14	WSW 30	SW 36	WSW 30	SW 23	E 13	SSE 10	SSE 13	SSE 12	379
8	NNW 2	NNW 0	NNW 1	NNW 8	W 13	WSW 9	SW 20	SW 31	SW 32	SSW 20	WSW 31	WSW 28	279
9	WSW 28	WSW 23	SSW 28	SSW 32	SW 44	W 24	W 22	W 24	WSW 36	WSW 30	WSW 34	WSW 40	814
10	WNW 23	WNW 37	WNW 42	WNW 32	WNW 19	WNW 19	WNW 16	WNW 24	NW 14	NW 22	NW 27	NW 14	691
11	WSW 12	WSW 8	W 14	W 12	WSW 13	WSW 13	WSW 12	WSW 9	SW 9	S 9	S 9	S 12	431
12	WSW 53	WSW 58	WSW 49	WSW 45	WSW 40	WSW 42	WSW 43	WSW 47	WSW 50	WSW 56	WSW 54	WSW 58	926
13	WSW 28	WSW 12	W 8	WNW 3	SW 17	SW 19	SW 15	SW 16	SW 9	WSW 3	SSW 10	SW 9	463
14	SW 23	SW 27	SW 24	WSW 40	WSW 86	WSW 76	WSW 102	WSW 102	WSW 58	WSW 82	WSW 50	SW 41	910
15	SW 10	WSW 12	WSW 12	WSW 11	WSW 21	WSW 20	WSW 13	WSW 14	WSW 19	WSW 16	WSW 13	WSW 13	443
16	WSW 32	WSW 32	WNW 31	WNW 29	W 30	WSW 28	WSW 32	WSW 32	WSW 36	WSW 50	SW 57	SW 61	676
17	SW 18	WSW 16	SW 14	WSW 14	W 24	WSW 27	WSW 19	WSW 13	SW 9	WSW 9	WSW 8	WSW 8	649
18	NE 5	NE 5	NNE 4	NE 2	NE 6	NNE 3	NNE 1	NE 0	NE 1	ENE 1	NE 1	ENE 3	64
19	ENE 8	W 14	WNW 16	WNW 14	SW 22	SE 18	E 25	E 25	E 32	E 40	E 8	E 12	307
20	ESE 26	ESE 34	ESE 36	ESE 22	WNW 26	WNW 18	WNW 14	WNW 12	WNW 11	WNW 13	WNW 12	WNW 15	527
21	NE 5	NE 10	NNE 12	NNE 18	NNE 15	NNE 21	NNE 23	NNE 27	NNE 28	NNE 28	NNE 26	NNE 30	369
22	N 4	N 0	N 0	N 3	N 7	N 6	N 10	NNE 10	NE 3	NE 1	E 3	SE 2	257
23	WSW 58	WSW 64	WSW 68	WSW 58	WSW 52	WSW 50	WSW 44	SW 48	SW 42	WSW 42	SW 38	WSW 40	961
24	WSW 42	W 50	W 60	WSW 64	WSW 102	WSW 56	WSW 60	WSW 58	WSW 54	WSW 40	ENE 10	NE 9	1069
25	NW 14	NW 10	NW 5	NNW 7	NNW 10	NW 9	NW 14	NW 10	NNW 11	NNW 12	NNW 7	NNW 9	211
26	WSW 44	WSW 52	WSW 44	WSW 50	WSW 74	WSW 68	WSW 62	WSW 59	WSW 67	WSW 73	WSW 69	WSW 68	1076
27	WSW 100	WSW 100	WSW 112	WSW 100	WSW 138	WSW 106	WSW 108	WSW 122	WSW 127	WSW 102	WSW 101	WSW 100	2476
28	WSW 68	WSW 55	W 51	W 50	WNW 56	NW 68	NW 88	NE 84	ESE 66	ESE 44	SSE 38	SSE 16	1320
29	NW 2	NNW 2	NNW 1	NNW 3	NNW 2	NNW 2	NNW 0	NNW 4	NW 4	NW 6	E 4	WNW 2	124
30	NW 2	NNW 1	NNW 2	NW 3	NNW 6	NNW 2	NNW 5	NNW 4	NNW 3	NNW 2	NNW 2	NNW 1	65
31	NNE 3	NNE 3	NNE 8	NNE 5	NE 6	ENE 7	ENE 3	NE 0	NE 0	NE 3	NNE 6	NE 6	72

1913. **Häufigkeit der 16 Windrichtungen** (in Stunden). **Säntis.**

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calmen	Summe
Januar	7	4	14	7	3	13	12	19	20	24	71	428	46	32	11	8	25	744
Februar	—	50	101	89	8	10	6	11	25	42	77	127	29	21	17	26	33	672
März	24	16	26	10	26	14	17	20	37	56	127	268	40	21	23	11	8	744
April	16	20	60	42	26	26	23	25	32	34	71	165	59	38	5	13	65	720
Mai	8	27	37	30	11	24	18	10	14	47	85	233	83	37	26	10	44	744
Juni	13	7	4	—	1	13	22	15	10	33	76	267	86	50	61	48	14	720
Juli	3	28	15	13	5	1	3	2	2	15	33	333	123	127	25	12	4	744
August	6	9	25	19	23	7	4	3	2	22	79	309	97	85	32	20	2	744
September	15	12	19	8	10	9	30	38	47	67	118	176	75	36	32	5	23	720
Oktober	7	30	30	25	15	27	24	47	41	142	111	154	38	20	10	8	15	744
November	10	10	8	9	6	15	17	22	32	61	104	324	40	22	25	13	2	720
Dezember	12	29	40	16	17	13	4	17	12	10	75	322	35	47	36	39	20	744
Summe	121	242	379	268	151	172	180	229	274	553	1027	3106	751	536	303	213	255	8760
id. in %	1.4	2.8	4.3	3.1	1.7	2.0	2.0	2.6	3.1	6.3	11.7	35.5	8.6	6.1	3.5	2.4	2.9	100.0

Mittlere Windgeschwindigkeit (Meter pro Sekunde).

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar 31 Tage	2.9	1.5	3.3	3.1	4.3	3.9	3.6	5.4	5.0	5.3	5.0	9.1	5.2	6.6	4.8	3.5	—
Februar 28 »	—	5.4	9.1	7.6	5.6	5.2	6.6	4.1	3.2	4.4	5.4	10.2	6.8	6.3	3.4	7.8	—
März 31 »	5.0	4.3	3.9	6.9	6.8	8.8	10.3	9.4	9.1	9.7	10.0	12.6	7.6	7.9	6.3	4.3	—
April 30 »	3.7	3.9	4.9	5.2	7.7	5.4	4.3	6.6	5.6	4.2	5.5	7.6	6.1	8.3	12.3	2.2	—
Mai 31 »	1.6	3.3	4.6	4.7	3.2	4.9	4.3	3.7	6.5	6.4	4.0	8.0	5.2	4.3	2.4	2.5	—
Juni 30 »	1.6	2.7	4.1	—	0.8	9.7	6.9	7.5	5.4	5.6	5.7	10.6	5.6	5.1	3.4	3.9	—
Juli 31 »	3.6	4.5	4.5	4.6	2.7	2.8	4.7	6.9	4.9	4.6	6.7	8.8	6.1	6.0	4.3	5.3	—
August 31 »	3.4	5.4	3.8	3.3	1.2	1.3	2.2	1.9	3.2	4.0	5.1	8.1	5.4	6.5	5.6	4.9	—
Septemb. 30 »	2.3	3.3	3.0	3.2	4.3	2.9	3.1	4.6	3.7	5.5	4.2	7.4	5.8	7.8	6.3	7.8	—
Oktober 31 »	2.5	5.4	6.3	5.5	4.7	6.6	4.9	6.2	7.1	8.1	7.4	9.1	7.0	8.7	3.0	4.9	—
Novemb. 30 »	5.1	2.9	3.6	4.8	3.7	4.7	5.7	6.7	5.7	6.8	7.2	9.2	8.8	6.6	4.8	3.9	—
Dezemb. 31 »	2.4	4.0	2.9	2.1	4.6	7.8	4.4	3.7	4.9	7.1	8.6	11.6	8.3	5.8	4.2	1.9	—
Mittel	2.8	3.9	4.5	4.2	4.1	5.3	5.1	5.6	5.4	6.0	6.2	9.4	6.5	6.7	5.1	4.4	—

Monatsmittel der Windgeschwindigkeit (Kilometer pro Stunde).

	1a	2	3	4	5	6	7	8	9	10	11	12	1p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Januar 31 Tage	22.0	22.2	22.0	24.2	23.5	23.2	23.9	28.1	28.7	27.9	30.2	25.0	28.3	28.5	26.5	27.6	27.4	28.3	26.8	25.2	24.9	26.6	23.5	22.4	25.7
Febr. 28 »	23.5	24.2	24.6	23.3	24.3	24.8	26.1	29.4	26.6	25.5	27.8	25.2	25.8	26.1	23.6	24.4	24.7	26.3	23.3	23.7	23.6	24.1	22.1	22.9	24.8
März 31 »	37.1	36.3	36.1	37.4	37.9	37.7	37.2	36.9	38.0	35.3	35.5	32.6	33.5	35.6	34.1	33.7	34.5	34.0	33.0	31.6	31.2	30.7	34.2	35.0	35.0
April 30 »	21.3	20.7	19.7	18.8	18.5	18.3	18.6	18.9	19.8	18.8	19.0	17.9	19.0	19.5	18.1	17.8	20.5	20.9	21.2	22.7	22.9	22.6	21.7	21.6	19.9
Mai 31 »	17.2	16.5	15.6	15.9	16.5	16.8	18.5	20.9	21.2	21.3	21.0	18.1	19.1	19.3	20.2	20.0	20.2	21.4	22.0	23.0	20.8	19.2	17.7	17.1	19.1
Juni 30 »	24.6	24.3	25.7	26.7	27.1	26.5	25.7	23.6	24.7	24.0	25.0	25.1	24.2	27.4	29.1	27.9	26.1	25.8	23.8	25.1	24.6	25.1	23.9	22.9	25.4
Juli 31 »	23.9	23.6	25.2	25.1	25.0	24.6	23.3	23.4	24.4	24.1	25.7	23.7	25.1	25.3	26.4	26.2	26.2	26.5	26.9	29.4	28.2	25.6	25.8	26.4	25.4
Aug. 31 »	23.9	24.9	24.8	24.0	23.2	23.3	23.5	20.8	20.9	20.6	21.5	20.7	19.7	20.6	21.3	21.7	21.8	20.8	22.2	20.9	23.1	23.1	24.1	24.8	22.3
Sept. 30 »	21.8	21.5	21.1	21.3	20.3	21.3	19.8	20.8	17.4	15.8	18.6	15.0	15.7	15.9	17.5	18.0	16.8	16.1	18.3	17.6	18.5	21.2	21.3	22.4	18.9
Okt. 31 »	23.8	23.4	26.1	27.0	26.7	24.5	23.9	25.5	25.4	26.3	27.5	26.5	23.7	24.2	23.8	24.4	27.4	28.1	28.1	27.5	27.4	28.3	25.4	24.7	25.8
Nov. 30 »	25.1	25.1	26.0	25.6	25.0	24.5	25.1	26.0	28.2	28.8	30.1	26.4	26.1	26.2	27.5	28.0	27.8	29.7	30.0	30.3	29.2	29.7	28.6	28.8	27.4
Dez. 31 »	26.4	25.8	24.5	24.3	25.0	24.8	26.6	27.0	27.3	27.1	29.8	25.7	28.1	28.5	29.0	28.1	35.5	32.3	33.3	34.1	32.1	31.9	27.5	25.7	28.4
Mittel d. 365 Tage	24.2	24.1	24.3	24.5	24.4	24.0	24.4	25.1	25.2	24.6	26.0	23.5	24.0	24.8	24.8	24.8	25.7	25.8	25.7	25.9	25.5	25.7	24.7	24.6	24.8

1913. **Weg in Kilometern.** Säntis.

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Summe
Januar	73	22	165	77	46	183	154	367	359	454	1277	14030	868	758	191	101	19125
Februar	—	970	3312	2442	161	186	143	164	289	662	1491	4648	708	476	210	727	16589
März	434	250	365	248	635	444	632	674	1216	1951	4592	12199	1088	595	518	171	26012
April	212	284	1061	788	724	506	353	591	641	517	1400	4530	1288	1135	221	105	14356
Mai	47	320	607	507	125	420	277	132	329	1083	1209	6740	1548	577	226	91	14238
Juni	74	67	59	—	3	454	550	404	193	664	1561	10143	1744	914	754	683	18267
Juli	39	454	244	215	48	10	51	50	35	248	797	10595	2698	2756	384	229	18853
August	74	175	342	224	103	32	32	20	23	315	1454	8961	1879	1985	642	356	16617
September	126	142	206	93	155	93	337	632	621	1326	1784	4678	1558	1009	726	140	13626
Oktober	63	584	685	496	251	639	422	1043	1054	4141	2971	5028	955	628	108	141	19209
November	184	103	105	155	79	255	351	531	653	1487	2695	10730	1265	525	435	182	19735
Dezember	105	418	412	118	282	367	63	225	214	255	2327	13486	1040	986	542	261	21101
Summe	1431	3789	7563	5363	2612	3589	3365	4833	5627	13103	23558	105768	16639	12344	4957	3187	217728
id. in Prozenten	0.7	1.7	3.5	2.5	1.2	1.7	1.5	2.2	2.6	6.0	10.8	48.5	7.6	5.7	2.3	1.5	100.0

Maximale Geschwindigkeit (Meter pro Sekunde).

	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Mittel
Januar 31 Tage	5.3	3.9	5.6	4.2	5.6	5.0	5.8	8.3	9.2	11.4	14.2	31.7	17.2	15.6	6.4	5.0	—
Februar 28 »	—	13.3	16.4	15.0	10.3	9.4	10.0	8.3	10.0	12.2	10.6	22.8	17.8	10.6	8.1	11.1	—
März 31 »	8.9	7.8	9.7	18.3	20.6	16.4	18.6	17.2	19.4	21.1	27.8	29.4	18.6	15.0	15.6	9.4	—
April 30 »	5.6	6.7	16.7	12.8	15.6	11.1	10.8	11.9	10.6	8.9	12.8	28.6	18.9	23.9	23.3	6.7	—
Mai 31 »	2.5	6.4	13.3	11.7	6.9	9.7	8.6	5.8	10.6	13.3	11.4	19.4	12.8	10.6	8.3	7.5	—
Juni 30 »	3.1	4.4	5.0	—	0.8	13.1	24.7	14.4	16.1	8.9	22.2	25.0	16.1	15.3	14.2	12.5	—
Juli 31 »	4.2	7.2	8.9	6.1	4.4	2.8	7.2	8.3	6.9	9.7	14.2	23.9	13.9	13.3	10.3	12.8	—
August 31 »	5.0	8.3	6.1	7.2	3.3	1.9	5.0	1.9	3.6	8.3	10.6	16.7	14.4	14.4	11.1	8.3	—
Septemb. 30 »	5.8	6.4	5.0	8.3	10.0	6.7	9.4	10.0	11.4	13.3	11.9	15.6	15.6	11.7	12.2	9.2	—
Oktober 31 »	5.6	9.7	11.7	13.3	10.6	13.1	10.6	13.3	15.6	21.9	19.4	20.0	13.9	14.2	9.4	10.3	—
Novemb. 30 »	6.9	10.3	8.9	6.7	4.2	7.2	8.3	15.6	10.6	14.7	16.1	20.0	22.8	14.4	8.3	9.2	—
Dezemb. 31 »	5.6	8.3	23.3	6.7	11.7	18.3	11.1	10.6	10.0	17.2	17.2	38.3	18.6	17.2	24.4	11.4	—
Jahr	4.9	7.7	10.9	9.2	8.7	9.6	10.8	10.5	11.2	13.4	15.7	24.3	16.7	14.7	12.6	9.5	—

Monatsmittel der Windgeschwindigkeit (Meter pro Sekunde).

	1 a	2	3	4	5	6	7	8	9	10	11	12	1 p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Januar 31 Tage	6.1	6.2	6.1	6.7	6.5	6.4	6.6	7.8	7.9	7.7	8.4	6.9	7.9	7.9	7.4	7.7	7.6	7.9	7.4	7.0	6.9	7.4	6.5	6.2	7.1
Febr. 28 »	6.5	6.7	6.8	6.5	6.7	6.9	7.2	8.2	7.4	7.1	7.7	7.0	7.2	7.2	6.6	6.8	6.9	7.3	6.5	6.6	6.6	6.7	6.1	6.4	6.9
März 31 »	10.3	10.1	10.0	10.4	10.5	10.5	10.3	10.2	10.6	9.8	9.9	9.1	9.3	9.9	9.5	9.4	9.6	9.4	9.2	8.8	8.7	8.5	9.5	9.7	9.7
April 30 »	5.9	5.7	5.5	5.2	5.1	5.1	5.2	5.2	5.5	5.2	5.3	5.0	5.3	5.4	5.0	4.9	5.7	5.8	5.9	6.3	6.4	6.3	6.0	6.0	5.5
Mai 31 »	4.8	4.6	4.3	4.4	4.6	4.7	5.1	5.8	5.9	5.9	5.8	5.0	5.3	5.4	5.6	5.6	5.6	5.9	6.1	6.4	5.8	5.3	4.9	4.7	5.3
Juni 30 »	6.8	6.7	7.1	7.4	7.5	7.4	7.1	6.6	6.9	6.7	6.9	7.0	6.7	7.6	8.1	7.7	7.2	7.2	6.6	7.0	6.8	7.0	6.6	6.4	7.1
Juli 31 »	6.6	6.6	7.0	7.0	6.9	6.8	6.5	6.5	6.8	6.7	7.1	6.6	7.0	7.0	7.3	7.3	7.3	7.4	7.5	7.6	7.8	7.1	7.2	7.3	7.0
Aug. 31 »	6.6	6.9	6.9	6.7	6.4	6.5	6.5	5.8	5.8	5.7	6.0	5.7	5.5	5.7	5.9	6.0	6.1	5.8	6.2	5.8	6.4	6.4	6.7	6.9	6.2
Sept. 30 »	6.1	6.0	5.9	5.9	5.6	5.9	5.5	5.8	4.8	4.4	5.2	4.2	4.4	4.4	4.9	5.0	4.7	4.5	5.1	4.9	5.1	5.9	5.9	6.2	5.2
Okt. 31 »	6.6	6.5	7.2	7.5	7.4	6.8	6.6	7.1	7.1	7.3	7.6	7.4	6.6	6.7	6.6	6.8	7.6	7.8	7.8	7.6	7.6	7.9	7.1	6.9	7.2
Nov. 30 »	7.0	7.0	7.2	7.1	6.9	6.8	7.0	7.2	7.8	8.0	8.4	7.3	7.2	7.3	7.6	7.8	7.7	8.2	8.3	8.4	8.1	8.2	7.9	8.0	7.6
Dez. 31 »	7.3	7.2	6.8	6.7	6.9	6.9	7.4	7.5	7.6	7.5	8.3	7.1	7.8	7.9	8.1	7.8	9.9	9.0	9.2	9.5	8.9	8.9	7.6	7.1	7.9
Mittel d. 365 Tage	6.7	6.7	6.7	6.8	6.8	6.7	6.7	7.0	7.0	6.8	7.2	6.5	6.7	6.9	6.9	6.9	7.2	7.2	7.1	7.2	7.1	7.1	6.7	6.8	6.9

Übersicht über den täglichen Gang des Luftdrucks.

1913. Abweichungen vom Monatsmittel. Bern.

	Mittel 700+	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a	Amplitude
Januar	12.05	.15	.16	.12	−.02	−.11	−.14	−.08	−.03	.14	**.25**	.20	−.06	−.30	**−.41**	−.33	−.25	−.10	.01	.13	.16	.18	.14	.14	.03	0.66
Februar	15.71	.13	.06	−.11	−.19	−.15	−.10	.04	.21	.29	.35	**.37**	.14	−.16	−.36	**−.43**	−.41	−.36	−.12	.03	.07	.18	.20	.21	.19	0.80
März	13.67	.28	.18	.07	.06	.14	.26	.37	**.40**	**.40**	.38	.32	.14	−.23	−.46	−.55	**−.62**	−.59	−.52	−.32	−.15	.01	.10	.15	.17	1.02
April	08.62	.27	.12	.04	−.05	−.07	.09	.20	.13	.21	.23	.13	−.08	−.26	−.42	−.57	**−.60**	−.49	−.33	−.13	.22	.35	**.37**	.36	.32	0.97
Mai	11.00	.21	.14	.05	.06	.10	.20	.24	.19	.11	.05	−.05	−.27	−.46	−.52	−.57	**−.61**	−.48	−.31	−.09	.13	.33	.40	**.50**	.45	1.11
Juni	15.28	.15	.10	.06	.06	.13	.22	.31	.28	.22	.11	.02	−.18	−.32	−.40	−.44	−.49	**−.50**	−.41	−.28	−.06	.25	.35	**.36**	.34	0.86
Juli	12.20	.29	.17	.06	.01	.05	.13	.15	.18	.13	.08	.01	−.10	−.19	−.23	−.32	−.37	**−.39**	−.33	−.21	−.07	.23	**.31**	.30	.22	0.70
August	13.05	.03	.05	−.02	−.07	.03	.13	.26	**.28**	**.28**	.23	.08	−.04	−.14	−.21	−.32	−.39	**−.42**	−.36	−.22	.06	.19	.22	.21	.20	0.70
Septbr.	12.12	**.29**	.15	.06	−.06	−.04	.01	.17	.18	.26	.22	.10	−.02	−.20	−.38	**−.49**	−.48	−.40	−.31	−.12	.10	.19	.22	.25	.22	0.78
Oktober	12.52	.28	.21	.09	.04	.00	.04	.14	.23	.20	.13	.05	−.18	−.40	−.54	**−.60**	−.59	−.44	−.26	−.13	.09	.33	**.43**	.39	.42	1.03
Novbr.	14.44	.02	.06	−.03	−.08	−.05	.03	.14	.26	.31	**.32**	.20	−.07	−.26	**−.41**	−.37	−.37	−.27	−.13	−.07	.03	.16	.18	.24	.26	0.73
Dezbr.	14.50	.31	.29	.23	.09	.03	.03	.07	.08	.12	.27	.12	−.15	−.47	**−.64**	−.59	−.49	−.34	−.19	−.06	.11	.22	.28	**.32**	.25	0.96

Extreme des Luftdrucks.

1913. Bern.

	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.
Mittleres Maximum	13.89	17.52	15.77	10.54	12.47	16.30	13.64	14.15	13.46	14.30	16.06	17.01
Mittleres Minimum	10.23	14.02	11.75	6.76	9.70	14.15	11.03	12.06	10.80	11.04	12.99	12.16
Differenz	3.66	3.50	4.02	3.78	2.77	2.15	2.61	2.09	2.66	3.26	3.07	4.85
Absolutes Maximum	20.4	26.2	26.3	16.3	19.2	20.6	17.6	18.6	17.8	21.2	23.0	25.0
Absolutes Minimum	0.6	4.5	2.3	−4.2	0.4	10.1	6.8	7.5	0.8	3.3	1.2	−4.6
Differenz	19.8	21.7	24.0	20.5	18.8	10.5	10.8	11.1	17.0	17.9	21.8	29.6

Übersicht über den täglichen Gang der Temperatur.

1913. Abweichungen vom Monatsmittel. Bern.

	Mittel	1^{30} a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30} a
Jan.	0.81	−1.01	−1.12	−1.10	−1.02	−1.09	−1.06	**−1.15**	−1.12	−0.78	−0.15	0.61	1.32	2.01	**2.19**	2.09	1.59	0.94	0.54	0.21	−0.05	−0.18	−0.34	−0.59	−0.76
Febr.	0.35	−1.69	−2.05	−2.34	−2.53	−2.61	−2.83	**−3.13**	−2.78	−1.42	−0.10	1.43	2.46	3.20	3.59	**4.40**	4.05	2.93	1.89	1.01	0.29	−0.27	−0.80	−1.23	−1.59
März	5.63	−2.90	−3.20	−3.49	−3.81	−3.91	**−4.02**	−3.66	−3.21	−0.14	1.69	2.93	3.72	4.33	4.45	**4.70**	4.32	3.62	2.43	1.07	0.14	−0.66	−1.31	−1.92	−2.34
April	7.67	−2.89	−3.20	−3.42	−3.62	**−3.77**	−3.65	−2.33	−0.70	0.61	1.63	2.37	3.32	3.76	**4.08**	4.03	3.64	2.94	2.13	1.02	0.15	−0.63	−1.27	−1.76	−2.33
Mai	12.13	−3.47	−3.96	−4.47	−4.74	**−4.75**	−3.59	−1.77	0.28	1.77	2.80	3.58	**4.09**	3.98	4.02	3.90	3.92	3.18	2.29	1.12	−0.08	−1.00	−1.81	−2.30	−2.97
Juni	15.10	−3.02	−3.49	−3.89	**−4.20**	−4.04	−3.02	−1.46	0.27	1.46	2.10	3.12	**3.78**	3.73	3.69	3.38	3.37	2.88	2.06	1.15	−0.24	−0.97	−1.77	−2.29	−2.76
Juli	14.69	−3.21	−3.55	−3.82	**−4.22**	**−4.22**	−3.34	−1.75	−0.07	1.02	2.32	3.12	3.21	3.27	3.47	**3.56**	3.35	3.12	2.54	1.34	0.17	−0.79	−0.89	−2.14	−2.56
Aug.	16.06	−3.36	−3.85	−4.24	−4.59	**−4.81**	−4.19	−2.62	−0.36	1.51	2.66	3.50	**4.24**	3.97	3.98	4.01	3.93	3.66	2.73	1.26	0.17	−0.66	−1.69	−2.82	−2.91
Sept.	12.70	−2.44	−2.62	−2.87	−3.08	**−3.17**	−3.14	−2.51	−1.18	0.37	1.99	2.89	3.59	3.75	**3.89**	3.88	3.25	2.71	1.55	0.32	−0.33	−0.94	−1.53	−1.97	−2.36
Okt.	9.32	−2.24	−2.48	−2.77	−2.94	−3.03	**−3.12**	−2.82	−1.66	−0.14	1.26	2.69	3.46	3.83	**4.44**	4.34	3.64	2.30	1.23	0.31	−0.33	−0.79	−1.31	−1.74	−2.03
Nov.	6.25	−1.23	−1.40	−1.40	**−1.53**	−1.47	−1.50	−1.40	−0.93	−0.14	0.60	1.43	2.07	2.37	**2.46**	2.37	1.76	1.07	0.60	0.10	−0.19	−0.53	−0.84	−1.06	−1.20
Dez.	−0.09	−0.86	−0.88	−0.97	−1.18	−1.22	**−1.26**	−1.22	−1.11	−0.60	0.05	0.74	1.69	2.24	**2.26**	2.03	1.53	0.88	0.49	0.16	−0.09	−0.34	−0.65	−0.83	−0.92

Extreme der Temperatur.

1913. Bern.

	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.
Mittleres Maximum	3.43	5.11	10.93	12.29	17.44	19.70	18.93	20.89	17.25	14.15	9.06	2.66
Mittleres Minimum	−1.51	−3.19	0.98	3.00	6.63	10.33	10.06	10.86	8.90	5.46	3.75	−2.53
Differenz	4.94	8.30	9.95	9.29	10.81	9.37	8.87	10.03	8.35	8.69	5.31	5.19
Absolutes Maximum	7.5	9.7	18.7	22.3	26.1	26.6	25.5	26.6	24.5	18.4	15.8	8.6
Absolutes Minimum	−5.6	−8.5	−4.4	−7.7	0.8	5.9	7.0	6.7	4.3	0.7	−0.2	−7.1
Differenz	13.1	18.2	23.1	30.0	25.3	20.7	18.5	19.9	20.2	17.7	16.0	15.7

Stündliche Mittel der relativen Feuchtigkeit.

1913. Registrierungen eines Haarhygrometers. Bern.

	Mittel	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a
Januar	91.3	94.5	94.2	93.9	93.6	94.3	94.4	94.4	94.2	94.4	92.6	89.9	87.0	84.1	83.1	83.0	85.1	88.8	90.9	92.0	92.9	92.6	92.3	93.5	94.3
Februar	77.3	83.6	85.6	85.8	86.6	86.9	89.1	90.7	90.6	85.4	79.3	72.6	67.9	64.7	62.3	59.5	59.4	63.4	67.5	71.6	76.3	78.7	80.5	82.8	84.7
März	78.6	92.8	93.5	93.9	94.4	94.5	94.6	94.1	88.3	78.9	71.2	65.4	62.5	57.7	56.1	55.3	57.4	60.8	66.3	74.2	79.8	84.7	88.2	90.4	92.2
April	76.8	92.0	92.6	92.7	93.1	93.8	93.7	89.2	81.1	75.2	69.9	65.6	59.7	56.8	55.2	54.2	55.0	60.0	64.3	70.6	77.2	84.0	86.4	89.2	90.7
Mai	74.8	92.4	93.0	94.5	95.1	95.4	92.7	84.8	75.2	68.7	63.1	58.6	56.2	54.4	53.9	54.8	54.9	57.9	62.3	68.3	75.3	80.5	85.4	87.8	90.8
Juni	75.7	90.7	91.2	92.7	93.3	93.7	90.0	82.8	75.6	70.0	66.2	62.2	59.7	57.2	57.4	59.8	59.3	62.0	65.2	69.9	74.7	80.7	85.6	87.2	88.9
Juli	77.9	93.8	94.4	94.2	95.3	95.7	93.5	85.0	78.6	72.5	67.8	62.7	61.9	60.4	58.9	60.3	60.6	61.3	64.2	71.6	79.0	84.0	88.4	91.5	93.6
August	78.6	94.9	96.0	96.8	97.2	97.4	96.6	91.3	82.3	73.8	68.4	62.3	58.5	57.2	57.1	57.1	58.4	60.2	64.8	74.7	80.8	84.7	89.5	92.3	93.6
September	87.6	97.2	97.3	97.6	97.7	97.8	97.7	96.8	94.4	88.0	79.6	75.5	72.1	69.5	68.9	69.8	72.6	77.3	83.8	90.9	93.1	94.4	95.8	96.6	97.1
Oktober	90.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9	97.3	93.9	88.3	80.9	76.5	73.2	70.3	71.7	75.9	84.2	91.2	93.9	95.5	96.7	97.4	98.0	98.5
November	92.3	96.8	97.4	97.1	97.4	97.3	97.2	97.1	95.9	93.0	90.1	87.3	83.4	81.7	81.1	82.2	84.9	89.6	91.4	93.7	94.7	95.6	96.5	97.2	96.8
Dezember	90.3	93.6	92.9	92.3	92.8	93.1	93.0	93.0	93.4	92.3	90.6	87.7	83.5	81.4	81.1	82.2	85.5	88.9	90.1	91.2	92.5	93.1	94.1	94.7	94.4
Mittel	82.7	93.4	93.9	94.2	94.6	94.9	94.3	91.5	87.2	82.2	77.3	72.6	69.1	66.5	65.5	65.8	67.4	71.2	75.2	80.2	84.3	87.5	90.0	91.8	93.0

Übersicht über den täglichen Gang der Temperatur.

1913. Abweichungen vom Monatsmittel. Buus.

	Mittel	1^{30}a	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}p	1^{30}	2^{30}	3^{30}	4^{30}	5^{30}	6^{30}	7^{30}	8^{30}	9^{30}	10^{30}	11^{30}	12^{30}a
Jan.	1.55	−0.83	**-0.93**	−0.79	−0.74	−0.77	−0.82	−0.60	−0.70	−0.53	−0.02	0.84	1.55	1.80	**1.91**	1.63	0.80	0.25	0.03	−0.17	−0.26	−0.40	−0.53	−0.36	−0.48
Febr.	1.28	−1.77	−2.01	−1.96	−2.12	−2.14	−2.58	**-2.81**	−2.45	−1.56	0.10	1.84	3.26	4.50	**4.94**	4.72	3.78	2.14	0.46	−0.25	−0.62	−0.92	−1.36	−1.42	−1.64
März	6.34	−2.83	−2.62	−2.92	−2.95	**-2.96**	−2.94	−2.52	−1.67	0.02	1.58	2.73	3.75	4.17	4.27	**4.48**	4.10	3.37	1.47	−0.08	−0.94	−1.54	−1.77	−2.03	−2.23
April	7.54	−3.36	−3.71	−3.76	**-3.81**	−3.66	−3.33	−1.43	−0.06	1.12	2.18	3.04	3.63	4.09	4.61	**4.66**	3.97	3.21	1.95	−0.03	−1.06	−1.36	−1.68	−2.09	−2.81
Mai	11.98	−3.94	−4.15	−4.51	**-4.60**	−4.32	−2.71	−1.01	0.46	1.60	2.88	3.84	4.19	4.50	**4.55**	4.47	4.11	3.53	2.27	0.44	−1.09	−1.85	−2.46	−2.76	−3.37
Juni	14.82	−2.81	−3.39	−3.76	**-3.97**	−3.80	−2.56	−1.23	−0.22	0.81	1.83	2.90	3.17	3.67	3.78	**3.93**	3.55	3.32	2.50	1.16	−0.57	−1.29	−1.80	−2.30	−2.81
Juli	14.22	−3.20	−3.50	−3.82	**-3.93**	−3.83	−2.91	−1.32	−0.14	0.98	1.93	2.88	3.01	3.33	3.41	3.50	**3.65**	3.55	2.66	1.36	−0.39	−1.23	−1.69	−1.98	−2.43
Aug.	15.11	−3.06	−3.36	−3.64	−3.96	**-4.24**	−3.90	−1.88	−0.30	0.89	1.97	3.17	3.72	4.19	4.29	**4.31**	4.29	3.72	2.83	0.58	−1.02	−1.65	−2.06	−2.45	−2.64
Sept.	12.50	−2.35	−2.43	−2.54	**-2.64**	−2.60	−2.61	−1.58	−0.55	0.65	1.81	2.59	3.17	3.71	3.83	**3.89**	3.44	2.43	1.00	−0.32	−0.96	−1.33	−1.84	−2.30	−2.56
Okt.	9.64	−2.07	−2.21	−2.37	−2.65	−2.83	**-2.87**	−2.22	−0.79	0.67	2.22	3.19	3.71	4.23	**4.32**	3.85	2.93	1.37	−0.02	−0.83	−1.23	−1.42	−1.56	−1.66	−1.94
Nov.	6.85	−0.97	−1.10	−1.26	−1.27	−1.31	**-1.45**	**-1.45**	−1.03	−0.10	0.88	1.83	2.20	**2.53**	2.49	2.09	1.37	0.40	0.03	−0.08	−0.42	−0.64	−0.84	−0.98	−1.04
Dez.	0.48	−0.74	−0.91	−1.01	−0.98	−0.99	−1.07	−1.27	**-1.41**	−0.72	0.34	1.22	1.92	**2.15**	1.99	1.76	1.12	0.73	0.34	0.07	−0.23	−0.42	−0.53	−0.73	−0.69

Anhang

zum Jahrgang 1913 der

Annalen der schweizerischen meteorologischen Zentralanstalt.

Ergänzende Beobachtungen und

Abhandlungen.

No. 1.

Übersicht über den Witterungsverlauf in der Schweiz im Jahre 1913

von *Dr. R. Billwiller.*

Das Jahr 1913 hat den Eindruck eines kühlen und niederschlagsreichen Jahrganges hinterlassen wegen der kalten und regnerischen Witterung im Sommer; betrachtet man aber die Jahresmittel der beiden wichtigsten meteorologischen Elemente, so findet man diesen Eindruck nicht bestätigt, ja die Temperaturmittel zeigen sogar recht erhebliche Abweichungen vom Normale im entgegengesetzten Sinne. Sie liegen nordwärts der Alpen um annähernd einen halben Grad über den normalen, da das ausserordentlich grosse Wärmedefizit des Sommers — der Juli war der kälteste unserer 50jährigen Beobachtungsreihe — durch einige sehr warme Frühjahrs- und Herbstmonate (namentlich März und November) überkompensiert wurde. — Die Jahressummen des Niederschlags blieben im nördlichsten Landesteil unter den durchschnittlichen; dagegen erreichten viele Stationen des Alpengebietes wieder erhebliche Mehrbeträge; Näheres darüber siehe in Nr. 2 dieses Bandes. — Die Bewölkung war eine ziemlich starke; dies tritt auffallenderweise weniger in den durch Schätzung ermittelten Bewölkungsziffern, als in der Dauer des registrierten Sonnenscheins zutage, welche durchschnittlich ca. 150 Stunden weniger als normal betrug.

In den einzelnen Monaten war der Charakter und Verlauf der Witterung folgender:

Der Januar war viel zu warm, zu niederschlagsreich und trüber als normal. Der Wärmeüberschuss über das langjährige Januarmittel beträgt durchschnittlich drei Grade, zeigt aber erhebliche Unterschiede in den verschiedenen Landesteilen. Am kleinsten ist er, abgesehen vom Südfuss der Alpen, im Osten des Landes, grösser in der Westschweiz, wo er in den Hochtälern des Jura über vier Grade erreicht. Die Niederschlagsmengen übersteigen nordwärts der Alpen die normalen strichweise nicht unbeträchtlich; das Tessin verzeichnet ein Defizit. Die Bewölkung war eine sehr starke, namentlich in der Westschweiz; die registrierte Sonnenscheindauer blieb daher noch wesentlich unter dem am Nordfuss der Alpen sowieso bescheidenen Mittelwert; prozentual viel kleiner war der Ausfall auf den Höhenstationen und im Tessin. — Wie wenig winterlich der Witterungscharakter war, wird am besten durch das Fehlen einer Schneedecke bis über 1000 m Höhe trotz reichlicher Niederschläge illustriert.

In der ersten Dekade lag hoher Druck über dem östlichen Europa; das Mittelland hatte trockenes, aber trübes Frostwetter mit nur gelegentlichen Aufhellungen; über dem tiefen, oft dem Boden aufliegenden Nebelmeer war der Himmel vollkommen heiter und es herrschte Temperaturumkehr; auch der Nordwestfuss des Jura war viel heller. Ganz anderen Charakter zeigte dann die Witterung vom Beginne der zweiten Dekade an. Ein Ausläufer der atlantischen Depression gegen die Biscaya-See verursachte in der Nacht vom 10./11. zuerst leichten Schneefall, welchem dann am 11. und 12. bei frischen südwestlichen Winden Regen, am 13. wieder Schnee folgte; letzterer brachte eine dünne, wenige Tage anhaltende Schneedecke. Vom 16. an gewann die nordwestliche Depression an Raum gegen den Kontinent; die bisher mehr oder weniger normale Temperatur stieg an und lag nun bis zum Monatsschluss höher als normal zufolge vorherrschend westlicher Luftbewegung. Die Niederschläge waren zunächst unbedeutend, abgesehen vom Jura und den höchsten Stationen des Alpengebietes; erst als sich vom 21. an ein Depressionszentrum quer durch den Kontinent selbst bewegte, fielen bei auffrischenden Südwestwinden stärkere Niederschläge; besonders der 23. brachte, als dem ostwärts abziehenden Minimum ein neues folgte, den höheren Lagen grössere Schneemengen. Trotzdem sich vom 26. an wieder hoher Druck über dem Norden, später Nordosten des Kontinentes festsetzte, blieb die Witterung im Mittellande vorwiegend trüb, mit zeitweiligen geringen Niederschlägen, verursacht durch Randtiefs von Depressionen. Am letzten Tage des Monats brachte der Vorübergang einer tiefen nördlichen Depression stürmische Regenböen.

Hell und trocken war die Signatur des verflossenen Februars. Bezüglich der Temperatur kommt er im Monatsmittel dem langjährigen Durchschnitt recht nahe, zeigt aber in seinem Verlaufe Abweichung nach der positiven und negativen Seite; beinahe die ganze erste Dekade war sehr warm, während von der zweiten Monatshälfte an sich die Temperatur unter der normalen hielt, und zwar an einigen Tagen recht beträchtlich. Niederschläge fielen sozusagen nur zu Beginn und am Ende des Monats; die Monatsmengen bleiben weit unter den normalen Februarmengen, nur im Nordwesten des Landes wurden letztere annähernd erreicht. — Die Helligkeit des Himmels war für den Nordfuss der Alpen eine ganz ungewöhnlich grosse — in Zürich war nur der Februar 1891 noch heller innerhalb der letzten 50 Jahre —; dementsprechend wurde an Sonnenscheindauer ein Plus von über 60 Stunden gegenüber dem Normale registriert.

Mit dem letzten Januartage hatte die Depressionstätigkeit über dem Norden des Erdteils aufs neue eingesetzt; ein vom 1. auf den 2. Februar über Zentraleuropa hinwegziehender Teilwirbel brachte starken Westwind, hohe Temperatur und Niederschläge; namentlich in der Zentralschweiz fielen am 2. grössere Regenmengen. Vom 4. an lag das Depressions-

gebiet weiter nördlich und der hohe Druck im Süden des Kontinentes wurde bestimmend für die trockene, zunächst noch sehr warme und vorwiegend heitere Witterung in unserem Lande. Nach einer ganz kurzen Störung mit etwelchen Niederschlägen am 8. verlegte sich der Kern der Hochdruckzone nach Zentraleuropa; im Mittelland trat hie und da hochnebelartige Bewölkung auf und die Temperatur sank nachts unter den Gefrierpunkt. Vom 15. an wurde es dann merklich kälter, da Tiefdruck im Süden des Kontinentes in Wechselwirkung mit dem umfangreichen, nunmehr etwas nördlicher liegenden Hochdruckgebiete Bise bedingte; die Tage vom 18.—20. brachten im allgemeinen die Minimaltemperaturen des verflossenen Winters (welche nichts weniger als extrem zu nennen sind)! Erst um den 25., als der Hochdruck von im Westen auftretenden Depressionen ostwärts gedrängt wurde, hob sich die Temperatur wieder auf die normale; am 27. und 28. machten Trübung und Niederschläge, die aber nur in der Westschweiz und an der Ostgrenze grössere Beträge erreichten, der ungewöhnlich langen Reihe von hellen Februartagen ein Ende.

Der März war sehr warm, etwas heller als durchschnittlich und trotzdem im grössten Teil des Landes niederschlagsreich. Der Wärmeüberschuss des Monatsmittels über das Normale beträgt in der Ostschweiz über drei Grade und ist in Zürich beispielsweise nur wenige Zehntel Grade kleiner als im März 1912, dem wärmsten der letzten 50 Jahre, während für die Föhnstationen der Ostschweiz der diesjährige März der absolut wärmste ist. Die Niederschläge waren trotz verhältnismässig weniger Regentage mit Ausnahme einiger Alpentäler und der Ostgrenze des Landes reichlicher als durchschnittlich im März, besonders im Südwesten des Landes, wo der März 1913 zu den allerniederschlagsreichsten gehört; Genf hat beispielsweise nur 1866 und 1867 noch etwas mehr Niederschläge. Die Sonnenscheindauer war entsprechend der relativ kleinen Bewölkung etwas über dem Durchschnitt; nur der Südfuss der Alpen, wo der Monat in bezug auf Temperatur normal war, zeigt ein nicht unbeträchtliches Defizit.

Der in den letzten Februartagen vorübergezogenen Depression folgte ein Hochdruckgebiet, dessen Kern am 1. über den Niederlanden lag und rasch Aufheiterung brachte, zunächst mit Bise und Nachtfrost. Der höchste Druck verlegte sich aber schon in den nächsten Tagen nach dem Süden des Kontinentes, während im hohen Norden tiefe Depressionen vorüberzogen; bei vorwiegend heiterem, ruhigem und trockenem Wetter stiegen die Temperaturen untertags rasch an. Am 8. verursachte ein über Deutschland liegender Ausläufer eines nördlichen Tiefdruckgebietes Trübung und erhebliche Niederschläge, die auch im Mittellande unter starkem Temperaturrückgang in Schnee übergingen. Schon am 9. begann es wieder aufzuhellen, da hoher Druck von Westen nachrückte, der in der Folge wieder bestimmend wurde für die helle oder nur leichter bewölkte und untertags sehr warme Witterung; stärkere Bewölkung mit vereinzelten ganz leichten Niederschlägen zeigte nur der 15., während der 16. ein ganz heller Tag war. — Eine Schlechtwetterperiode begann dann mit dem am Abend des 17. einsetzenden Umschlag; ein Minimum zog von England nach Südschweden unter Bildung eines Teilminimums über Oberitalien; die auch im Mittelland bald als Schnee fallenden Niederschläge erreichten in der Westschweiz recht bedeutende Beträge. Die zurückgegangene Temperatur hob sich in den nächsten Tagen wieder über die normale, da ein neuer Wirbel im Norden vorüberzog und starke Westwinde und am 20. und 21. Regen brachte; auch diesmal fielen in der Westschweiz die grössten Mengen. Von kurzer Dauer war die Aufhellung am 22. auf der Vorderseite einer neuen nordwestlichen Depression mit Ausläufer über der Biscayasee; unter dessen Einfluss ging in den Alpentälern der Föhn und wurde es auch im Mittellande ungewöhnlich warm; an den beiden Ostertagen (23. und 24.) fielen aber beim Vorübergang der Depression neuerdings Regen. Der von Westen nachrückende Hochdruck brachte wohl Nachlassen der Niederschläge, aber keine Aufheiterung, da er sich von der Nordsee nordostwärts verlagerte, während im Westen und Südwesten sich Teilminima eines umfangreichen Depressionsgebietes zeigten, die am 26. und dann vom 28. bis 31. in den Alpentälern ununterbrochenen Föhn bedingten; unter dem Einfluss desselben wurden teilweise auch im Mittelland ganz abnorme Temperaturen gemessen; so lag diese z. B. in Zürich am 30. und 31. rund zehn Grade über der normalen.

Die Mittelwerte des April zeigen keine grossen Abweichungen vom langjährigen Durchschnitt. Bezüglich der Temperatur war der Monat um zirka einen halben Grad zu kühl; der ganz ausserordentliche, in solcher Intensität noch nie vorgekommene Kälterückfall um die Monatsmitte wurde durch recht warme Tage gegen Monatsschluss annähernd kompensiert. Die Niederschlagsmengen blieben meist etwas unter den normalen; nur das Tessin verzeichnet einen beträchtlichen Überschuss. Die Bewölkung war etwas stärker und dementsprechend die Sonnenscheindauer etwas kleiner als durchschnittlich im April.

Die mehrere Tage dauernde Föhnperiode von Ende März mit ihren ungewöhnlich hohen Temperaturen fand in der Nacht vom 31./1. ihren Abschluss, als der über der Poebene liegende Ausläufer des östlichen Hochdruckgebiets von einem Teilminimum verdrängt wurde; es setzten Niederschläge ein und die Temperatur ging rasch unter die normale zurück. Der aus Westen nachrückende Hochdruck verlagerte sich am 3. nach dem Norden des Kontinents, während über der Biscayasee ein neuer Depressionsausläufer erschien; es heiterte auf und wurde am 4. wieder wärmer bei stürmischem Föhn in den Alpentälern. In der Folge breitete sich die Depression nach dem kontinentalen Europa aus; die Witterung blieb aber nordwärts der Alpen zunächst trocken und vorwiegend leichter bewölkt. Erst vom 8. an trat im Rücken des nach Osteuropa abgezogenen Tiefdruckes starke Bewölkung mit vereinzelten leichten Niederschlägen ein und die Temperatur fiel bei nordöstlichen Winden unter die normale und blieb am 10. und 11. darunter, als bei Hochdruck über

dem Westen des Kontinents ein Minimum aus dem hohen Norden südwärts nach der Ostsee vordrang. Am Morgen des 12. lag eine mit grosser Schnelligkeit herangezogene Depression (Zentrum am 11. morgens noch südlich von Island) über Zentraleuropa; die Niederschläge gingen nun auch im Mittelland in Schnee über und die Temperatur sank schon am frühen Nachmittag auf der Rückseite des südostwärts abziehenden Wirbels unter den Gefrierpunkt. Das nächtliche Temperaturminimum vom 12./13. betrug in Zürich −6.5°, nicht als Folge nächtlicher Ausstrahlung (es schneite die ganze Nacht), sondern durch die Zufuhr kalter Luftmassen aus Norden. Am Morgen des 13. lag eine geschlossene Schneedecke und das Tagesmittel blieb mit −1.6° unter dem Gefrierpunkt trotz teilweiser Aufhellung. In der Nacht vom 13./14. wurde wieder −6.5° erreicht, diesmal bei hellem Himmel. Auch noch die beiden folgenden Nächte brachten trotz der untertags beinahe ungehinderten Insolation — Hochdruck über dem zentralen Europa — noch Fröste und erst am 16. hob sich die Temperatur auf der Vorderseite eines tiefen nordwestlichen Minimums auf die normale. Die Ausbreitung der Depression nach dem Kontinente brachte in den nächsten Tagen regnerisches Wetter. Vom 21. an kamen nur noch vereinzelte Niederschläge vor; da aber trotz Zunahme des Luftdruckes über dem Kontinente noch verschiedene Störungen bestanden, blieb der Himmel stärker bewölkt; die Temperatur lag von nun an über der normalen. Sie stieg noch mehr an, als vom 25. an im Nordwesten wieder Depressionen auftraten, die aber ostwärts nicht an Raum zu gewinnen vermochten; doch verursachten kleine Teildepressionen am 27. und 28. vielfach Gewitter. Besonders warm und nur leichter bewölkt waren die beiden letzten Tage des Monats.

Bei normalen Temperaturmitteln zeigt der Mai ein Defizit an Niederschlägen, das aber nur in der Nordostschweiz grössere Beträge erreicht, trotzdem gerade hier die Niederschlagshäufigkeit eine recht grosse war. Bewölkung und Sonnenscheindauer waren ungefähr die normalen; aber da abgesehen von einigen recht trüben Tagen zu Beginn des Monats längere Regenperioden fehlten, hinterliess der Monat den Eindruck eines recht sonnigen.

Unter dem Einfluss von Ausläufern nordwestlicher Tiefdruckgebiete setzte am 1. trübe und regnerische Witterung ein und hielt bei empfindlichem Temperaturrückgang bis zum 7. an. An diesem Tage hellte es auf, da ein neues tiefes Depressionszentrum im Westen des Kontinentes sich einstellte, während hoher Druck den Norden und Nordosten bedeckte mit einem Ausläufer gegen Mitteleuropa. Diese Druckverteilung und mit ihr das vorwiegend heitere Wetter hielt an, bis am 10. ein Teilminimum sich ablöste und bei seinem Vorübergang am 10./11. Windböen und erhebliche Niederschläge brachte. In der Folge wurde eine vom Ozean herangezogene flache Depression über dem Südwesten des Kontinents stationär, während der hohe Druck im Norden sich erhielt; die Witterung war wechselnd bewölkt aber trocken; vom 14. an ging in den Alpentälern der Föhn, dessen Einfluss sich am 16. bis ins Mittelland hinaus fühlbar machte. Am 17. gehörte der ganze Kontinent einem umfangreichen Depressionsgebiete an, es fielen bis zum 19. zeitweise Niederschläge unter starkem Temperaturfall, da dem nordostwärts abziehenden Tiefdruck von Westen her Hochdruck folgte. Zufolge Verlagerung desselben nach Mitteleuropa waren der 20. und 21. helle, nachts noch kühle Tage. Der Vorübergang einer Depression im Norden verursachte vom 22.—24. in der Ostschweiz stärkere Bewölkung und hie und da Niederschläge; dann aber folgten mit dem 25. und 26. wieder ganz helle Tage, an denen die Temperatur die normale erheblich überschritt. In der Nacht vom 27./28. gingen Gewitterregen mit im Alpengebiet grösserer Intensität nieder, auf die es aber sofort wieder aufhellte. Bis zu Monatsschluss blieb nun die Witterung vorwiegend heiter, warm und abgesehen von vereinzelten Gewittererscheinungen am 30. und 31. trocken, trotz der umfangreichen Depression, die in den letzten beiden Tagen den Nordwesten des Kontinentes bedeckte und — in Verbindung mit einem Hochdruckkeil über dem Südosten — in den Alpentälern Föhn auslöste.

Der Juni weist zwei verschiedene Witterungsperioden auf. Bis gegen Schluss des zweiten Monatsdrittels war er nur leicht bewölkt und meist warm und trocken, vom 19. an dagegen sehr trüb, kalt und regnerisch. Letzteres gilt namentlich für die Ost- und Zentralschweiz, während am Genfersee die Niederschläge unbedeutend waren und an gewissen Tagen — z. B. am 27. — geradezu frappante Unterschiede in der Witterung zwischen Westen und Osten des Landes auftraten. Das kommt natürlich auch in den Monatsmitteln zum Ausdruck. So hat die Ost- und namentlich die Innerschweiz ein ganz bedeutendes Plus an Niederschlägen gegen die normalen Junimengen zu verzeichnen, aber schon in Bern fielen nur $^2/_3$, in Genf sogar nur $^2/_5$ der letzteren. Bezüglich der Temperatur ergibt sich zufolge des sehr kalten letzten Monatsdrittels ein Wärmeausfall, der im östlichen Mittelland ca. 1, im Westen ca. $^1/_2$ Grad beträgt. Die Sonnenscheindauer ist nordwärts der Alpen kleiner als normal (in Zürich ca. 50 Stunden), im Tessin, wo der Monat wärmer und trockener als gewöhnlich war, grösser.

Trotz des Auftretens von Ausläufern der nordwestlichen Depression über dem Kontinente blieb die Witterung in den ersten Junitagen trocken und warm, wenn auch hie und da stärkere Bewölkung auftrat. Am 5. verursachte der Vorübergang einer Depression im Norden, die ein Teilminimum über Polen entwickelte, im ganzen Lande Niederschläge, die am 6. in der Ost- und Zentralschweiz mit nennenswerten Beträgen noch anhielten. Ein Vorstoss des im SW liegenden Hochdruckes brachte am 7. Aufheiterung und der 8. war ein sozusagen wolkenloser Tag. Nach leichten Niederschlägen am 9. blieben die Tage vom 10. und 11. niederschlagsfrei bei frischen durch einen Hochdruckkeil im SW und eine Depression im Norden bedingten Westwinden; als letztere schon im Abziehen begriffen war, verursachte ein Teilminimum über der Nordsee noch Niederschläge in der Nacht vom 12./13. Die Verlagerung des Hochdruckes nach dem

Kontinente brachte dann eine Reihe von hellen Tagen (14.—17) und leichte Bise, so dass die Temperatur erst vom 16. an über der normalen lag. Vom 17. an wurde die Druckverteilung über dem Kontinente eine sehr unregelmässige; nachdem vorher schon Gewitter mit leichten Niederschlägen aufgetreten waren, setzte am 19. allgemein Trübung, Regen und starker Temperaturfall ein. Die bis zum Morgen des 23. andauernden Niederschläge erreichten in der Zentral- und Nordostschweiz grössere Beträge. Eine Aufheiterung am 23. war nur vorübergehend; der 24. brachte wieder Gewitterregen und nun blieb die Witterung bis zum Schlusse des Monats sehr trüb, kalt und regnerisch unter dem Einflusse eines umfangreichen Depressionsgebietes über dem östlichen Europa, während Hochdruck im Westen lagerte. Die Temperatur ging bis auf sieben Grad unter die normale zurück, so dass verschiedene Male Schnee bis auf 1300 m herab fiel. Besonders erwähnt werden müssen noch die äusserst ergiebigen Regengüsse (zum Teil mit Gewittererscheinungen) am 27. und in der Nacht vom 27./28., welche in Zürich beispielsweise 50 $^{m}/_{m}$ Tagesbetrag ergaben, während es in Genf gar nicht regnete.

Der Juli war äusserst kühl und trüb und brachte häufige Niederschläge. Mit einem Wärmeausfall von zirka $3^{1}/_{2}$ Graden ist er der kälteste Juli unserer 50jährigen Beobachtungsreihe, um beinahe einen vollen Grad kälter als die bis jetzt kältesten (1888 und 1909); selbst die bis 1836 zurückreichende Genferreihe hat keinen kälteren Juli. Die Temperatur lag mit Ausnahme ganz weniger Tage immer tief unter der normalen; nur selten erreichten die Maximaltemperaturen 25 Grad (in Zürich an sieben Tagen). Auch bezüglich der Bewölkung brachte der Monat einen Rekord: noch nie war die Sonnenscheindauer im Juli so klein wie dies Jahr, wo sie zirka 90 Stunden unter dem Mittel blieb. Die Niederschläge waren ziemlich häufig, ergaben aber nur auf einigen Gipfelstationen nennenswert grössere Monatssummen als normal.

Die trübe, kühle und meist regnerische Witterungsperiode, die mit dem 19. Juni ihren Anfang genommen hatte, hielt mit einem kleinen Unterbruch um den 13. herum bis zum 24. an. Im allgemeinen lag während dieser Zeit hoher Druck im Westen des Kontinentes, flache Depressionen über dem östlichen Europa. Relativ heiter war noch der 1., als der nordwestliche Hochdruckkern einen Vorstoss gegen Zentraleuropa machte, aber von östlichen Depressionen bald wieder zurückgedrängt wurde. Bis zum 6. fielen nur vereinzelt Niederschläge, dann wurden sie mit der Bildung eines Teilminimums im Süden der Alpen allgemein und erreichten am 8. in der Ost- und Zentralschweiz erhebliche Beträge bei weiterem Sinken der schon bis anhin niedrigen Temperatur. Im Verlauf des 12. heiterte es auf, da ein Hochdruckkern über Zentraleuropa auftrat und der 13. war ein ganz heller Tag; schon am 14., an dem es zum erstenmal warm wurde, folgten wieder Trübung und nachts Gewitter. Die Witterung blieb nun bis zum 24. wieder vorwiegend trüb, kühl und alle Tage brachten kleinere oder grössere Niederschläge, der 22. mit weit verbreiteten Gewittern. Mit dem Vordringen des Hochdruckes nach dem Kontinente klarte es am 25. endlich auf und blieb nun bis zum Monatsschluss vorwiegend heiter; die Temperatur hob sich auf, aber nicht über die normale, da der Hochdruckkern doch seine nordwestliche Lage beibehielt. Kleine Druckstörungen an seinem Südrande verursachten am 27., 28. und am 30. strichweise Gewitter, von denen diejenigen am 30. in der Zentralschweiz lokal sehr starke Niederschläge brachten.

Wie der Juli so war auch der August zu kühl, allerdings lange nicht im gleichen Masse. Der Wärmeausfall gegenüber dem normalen Augustmittel beträgt im Norden und Osten des Landes etwas mehr, in der Westschweiz etwas weniger als einen Grad; in der ersten und zweiten Dekade gab es recht kühle Tage. Die Niederschlagsmengen waren in der Ostschweiz die durchschnittlichen; im Westen blieben sie erheblich darunter. Bewölkung und Sonnenscheindauer entsprechen annähernd den normalen Werten; nur die Südschweiz weist ein nennenswertes Defizit an Sonnenschein auf.

Die Schönwetterperiode der letzten Julipentade setzte sich noch in den August hinein fort, da das Hochdruckgebiet über dem Nordwesten des Kontinentes fortbestand. Am 6. folgte Trübung und von Gewittern eingeleitete Niederschläge, verursacht durch ein nordöstliches Minimum, das vom 5. auf den 6. einen Ausläufer über Jütland entwickelte. Die Witterung blieb nun bis zur Monatsmitte vorwiegend trüb, vielfach regnerisch und meist auch empfindlich kühl unter dem Einfluss flacher Tiefdruckgebiete im Norden; vom 13. an bestand ein Depressionsgebiet auch über dem Südosten des Kontinentes. Mit Beginn der zweiten Monatshälfte stiess ein Ausläufer des über dem Nordwesten lagernden Hochdruckes nach Mitteleuropa vor; die Bewölkung wurde leichter, die Niederschläge hörten auf und die Temperatur näherte sich der normalen. Am 19./20. fielen noch einmal nennenswerte Niederschlagsmengen, verursacht durch eine von der Biscayasee nach Oberitalien ziehende Depression; dann hellte es mit der Verlagerung des Hochdruckes auf den Kontinent am 21. auf und die Witterung blieb vorwiegend heiter und — abgesehen von den Nachmittagsgewittern des 24. — trocken bis zum 29. An diesem Tage, der vielfach die Maximaltemperaturen des Monats brachte, erschien ein Depressionszentrum über Westfrankreich, das abends und am folgenden Tage Gewitterregen verursachte.

Der September war kühl und trüb. Die Temperatur lag mit Ausnahme der ersten sechs Tage immer etwas unter der normalen, so dass sich im Monatsmittel ein Wärmeausfall von etwas über einen Grad ergab. Die ziemlich häufigen Niederschläge überschritten nur im Nordwesten des Landes die normalen Mengen und blieben sonst eher etwas unter den letzteren. Ein ganz beträchtliches Defizit weist die Registrierung der Sonnenscheindauer auf, die im Mittelland zirka 50, südwärts der Alpen zirka 80 Stunden weniger Sonnenschein als durchschnittlich im September ergab.

Während der ersten Dekade lag ein Hochdruckgebiet im Nordwesten und Norden des Kontinentes; abgesehen von den am Abend des 1. niedergehenden Gewitterregen (flache Depressionen über der Biscayasee und den Niederlanden)

herrschte zunächst wechselnd bewölktes, aber trockenes und warmes Wetter. Ganz trüb und regnerisch war dann der 5., wieder unter dem Einfluss eines am Südrand des Hochdruckes den Kontinent durchquerenden Minimums, und auch die folgenden Tage zeigten wenigstens starke Bewölkung. Nach vorübergehender Aufheiterung am 9. traten am Abend dieses Tages weitverbreitete heftige Gewitter auf, verursacht durch den Einbruch eines Minimums über Skandinavien nach dem Kontinent; da zugleich hoher Druck im Westen bestand, so kam am 10. die Rückseite der Depression — d. h. starker Temperaturrückgang und ganz erheblicher Niederschlag — zur Geltung. Die folgenden Tage, an denen ein nordwestliches Depressionsgebiet allmählich an Raum gegen den Kontinent gewann, waren trocken, und von Morgennebeln abgesehen vorwiegend leichter bewölkt; vom 14. an fielen dann alle Tage grössere oder kleinere Niederschläge, da der Tiefdruck längere Zeit über dem Kontinent verharrte; besondere Erwähnung verdient der ausserordentlich starke Gewitterregen (57 $^{m}/_{m}$) in Genf in der Nacht vom 14./15. Vom 22. an kam der Kontinent in den Bereich einer Hochdruckzone, die sich in der Folge nach dem Osten verlagerte; die Niederschläge hörten zwar auf, über dem Mittelland lagerte aber zufolge der vorgeschrittenen Jahreszeit meist hochnebelartiges Gewölk, das nur mittags hie und da verschwand; die Temperatur lag bei leichter Bise unter der normalen.

Der Oktober war warm und trocken. Der Wärmeüberschuss über das Normale beträgt im Mittellande zirka 1 1/2 Grade, in den Alpentälern und in höheren Lagen beträchtlich mehr (Rigi 3 1/2 Grad); er rührt im wesentlichen von der warmen Witterung der dritten Dekade her. Die Niederschlagsmengen erreichten nordwärts der Alpen die durchschnittlichen Oktobermengen bei weitem nicht, in Zürich wurde nicht einmal 1/5 derselben gemessen; kleiner ist das Defizit in der Westschweiz; in Graubünden wurde das Normale erreicht und im Tessin — strichweise sehr stark — überschritten. Bewölkung und Sonnenscheindauer weisen annähernd die normalen Oktoberwerte auf. — Auch zu Ende des Monats waren die Berge bis weit über 2000 m hinauf aper.

Die mit der letzten Septemberdekade eingetretene Trockenperiode setzte sich bei wechselnd bewölktem Himmel und etwas höherer Temperatur als zu Beginn derselben noch in den Oktober hinein fort. Am 4. traten dann allgemein Trübung und Niederschläge auf, verursacht durch eine wenig tiefe, aber umfangreiche Depression über dem Kontinente, die am 5. zwei Zentren über den Niederlanden und Österreich hatte; an diesem Tage waren die Niederschläge im Alpengebiet nicht unbeträchtlich und noch grösser im Tessin. Auch an den folgenden Tagen, an denen eine Depression im Westen, relativer Hochdruck im Südosten des Kontinentes lagerte, fielen südwärts der Alpen Niederschläge, während im schweizerischen Mittellande solche bei stark wolkigem Himmel nur noch vereinzelt vorkamen. Im Verlaufe des 8. bewegte sich ein Depressionszentrum von England nach Dänemark, eine Teildepression von Südfrankreich nach der Adria; die dabei im ganzen Lande fallenden Niederschläge erreichten im Tessin, wo in der Nacht vom 8./9. Gewitter mit wolkenbruchartigen Regen niedergingen, ganz enorme Beträge (Bellinzona 138, Borgnone [Val Onsernone] 212 $^{m}/_{m}$); auf diese Ursache ist das Hochwasser des Tessin und die durch Unterspülung des Bahndammes veranlasste Eisenbahnkatastrophe von Cadenazzo zurückzuführen. — Vom 10. an setzte sich hoher Luftdruck über dem Kontinente fest, und damit begann eine für den Nordfuss der Alpen bis zum Monatsschlusse dauernde Periode ruhiger und im ganzen trockener Witterung, wenn auch kleine Störungen in der Druckverteilung einige Male Trübung und vereinzelt etwas Regen brachten, so am 11. und 15. Eine Reihe wenigstens auf den Höhenstationen und in den Alpentälern ganz heller Tage waren diejenigen vom 16.—21., während über dem Mittellande allerdings meist Nebel lagerte und sich Temperaturumkehr entwickelte. Am 21. und 22. kam es zur Ausbildung eines beträchtlichen nach NW gerichteten barometrischen Gradienten über den Alpen, da über der Biscayasee ein Teiltief einer nordwestlichen Depression lag, und der Hochdruck sich nach dem Südosten des Kontinentes zurückgezogen hatte; in der Höhe traten kräftige südöstliche Winde, in den Alpentälern Föhn auf, und auch im Mittellande wurde es wärmer. Noch einmal lagerte vom 23.—25. der Hochdruckkern über dem zentralen Europa, wobei es auch im Mittellande aufheiterte. Vom 26. an verlagerte sich der Hochdruck dann nach dem Südosten, während im Nordwesten und Westen ein umfangreiches Tiefdruckgebiet bestand; es setzte in den Alpentälern wieder Föhn, auf der Südseite Regen ein, während im Mittellande stärker bewölktes, aber trockenes und sehr warmes Wetter herrschte.

Der November war ganz ausserordentlich warm, dabei trübe und niederschlagsreich. In der Ostschweiz ist sein Wärmeüberschuss über das normale Novembermittel mit ca. 3 1/2 Graden der grösste innerhalb der letzten 50 Jahre; in Genf war der November 1895 noch etwas wärmer. Den ganzen Monat lag die Temperatur über der normalen, und zwar meist recht beträchtlich, nur zu Beginn der letzten Dekade gab es ein paar Tage mit annähernd normaler Temperatur. Frost kam im Mittellande noch nicht vor. — Die Niederschläge waren sehr häufig und wenn auch viele Tage nur ganz kleine Mengen aufweisen, so erreichen die Monatssummen doch zirka das Anderthalbfache der durchschnittlichen Novembermengen. Der Monat war auch sehr trübe (in der Ost- und Zentralschweiz nur zirka die Hälfte der normalen Sonnenscheindauer), was zwar für den November keine Seltenheit ist; doch liegt der Grund diesmal nicht wie sonst im häufigen Vorkommen von Hochnebel, sondern mehr in allgemeiner starker Bewölkung, da auch die Höhenstationen eine sehr hohe Bewölkungsziffer haben. Dagegen war der Südfuss der Alpen recht heiter und hatte sehr wenig Niederschläge; trotz der, wie wir sehen werden, lebhaften Depressionstätigkeit im Norden des Kontinentes bildete sich selten ein grösserer barometrischer Süd-Nordgradient über die Alpen aus, weshalb auch ein einziges Mal Föhn in den nördlichen Alpentälern auftrat.

Depressionen über den Nordwesten und Norden, relativ hoher Druck über dem zentralen und südlichen Teil des Kontinentes bedingten zu Beginn des Monats sehr mildes, aber ziemlich trübes Wetter. Niederschläge fielen, abgesehen von der Nacht vom 1./2., zunächst keine; erst mit der Bildung einer Teildepression südwärts der Alpen traten solche am 5. auf, wobei die Temperatur an den folgenden beiden Tagen annähernd auf die normale zurückging bei zeitweisen leichten Regenfällen. Vom 9. an bestand über dem Südosten wieder höherer Druck, während im Westen ein umfangreiches Depressionsgebiet lag; die wieder wärmere Witterung blieb aber trübe mit vereinzelten ganz leichten Niederschlägen. Sehr ergiebiger Regen fiel dann vom Abend des 12. an, da das Depressionszentrum sich ostwärts nach der Nordsee zu verlagern begann; die grössten Mengen (bis zu 50 $^{m}/_{m}$ Tagesniederschlag vom 12.) weist die Westschweiz auf. Neue Depressionen lagen in den nächsten Tagen über Nordeuropa, während von Südwesten her hoher Luftdruck sich keilförmig an die Alpen legte; die steilen barometrischen Gradienten bedingten stärkere Südwestwinde mit zeitweisen Niederschlägen; letztere waren am 16. in der Ostschweiz wieder recht erheblich. In der Folge breitete sich der hohe Druck über die ganze Südhälfte des Kontinentes aus, während im Norden fortgesetzt Depressionen vorüberzogen; die Niederschlagstätigkeit setzte in unserem Lande allmählich aus, dagegen blieb es im Mittellande zufolge Stratusbildung vorwiegend trüb, nur die inneren Alpentäler und die Höhenstationen hatten am 20. und 21. heiteren Himmel. Ein Ausläufer einer nordwestlichen Depression verpflanzte sich um den 24. von der Biscayasee nach Westdeutschland und verursachte erheblichere Niederschläge; auch am 27. und 28. fielen namentlich in der Ost- und Zentralschweiz noch einmal grössere Mengen (Teildepression über der Ostsee). Dann breitete sich der westliche Hochdruckkeil nach dem zentralen Europa aus und der Monat schloss mit einem, abgesehen von Morgennebeln, heiteren Tag.

Der Dezember war ziemlich mild; die Temperaturmittel liegen im östlichen Mittelland bis zu zwei Graden, im Westen allerdings wenig mehr als einen Grad über den normalen; nur die Höhenstationen waren normal oder sogar kälter zufolge des seltenen Auftretens von winterlichem Hochdruckwetter mit Temperaturumkehr. Aus demselben Grunde zeigen die Höhenstationen auch etwas grössere Himmelsbedeckung und weniger Sonnenschein als normal, während im Mittelland und namentlich am Genfersee die Sonnenscheindauer die durchschnittliche des Dezembers übersteigt. Die Niederschlagsmengen sind angenähert die normalen.

Mildes, in den Niederungen namentlich morgens nebliges, aber zunächst trockenes Wetter leitete den Monat ein. Vom 4 an breitete sich das im Norden bestehende grosse Depressionsgebiet weiter südwärts aus und es kam, bei Fortbestand des Hochdruckes über dem Südwesten des Kontinentes, zur Bildung einer Teildepression über Italien und der Adria; damit setzten am 4. Niederschläge ein, zunächst als Regen, am 5. auch im Mittellande vielfach als Schnee, dem aber am 6. unter dem Einflusse eines neuen nordwestlichen Minimums ganz erheblicher Regen folgte. Vorübergehend setzte sich der hohe Druck am 8. über Zentraleuropa fest; es kam zum Aufklaren und Frostwetter; aber schon am 10. verursachte der Vorübergang einer Depression im Norden wieder Niederschläge, besonders im eigentlichen Alpengebiete. In der Folge zeigten die Wetterkarten während einer Reihe von Tagen dasselbe Bild der Druckverteilung: hoher Druck im Westen, ein Depressionsgebiet im Norden des Kontinentes; das bedingte bei südwestlicher Luftstörung mildes, aber stark bewölktes bis trübes Wetter ohne nennenswerte Niederschläge, abgesehen vom 13. im Alpengebiete und vom 17., an welch letzterem Tage ein Teiltief über Deutschland hinwegzog. Vom 18. an begann sich der hohe Druck nach dem Kontinent selbst zu verlegen, und damit stellte sich wie immer für die Niederungen trübes Frostwetter, über dem Hochnebel dagegen heiterer Himmel und zunehmende Wärme ein; vom 20. an herrschte Temperaturumkehr. Am 24. gehörte Europa einem umfangreichen Depressionsgebiete mit Zentren nord- und südwärts der Alpen an; es hellte zunächst auf, in der Weihnachtsnacht fiel dann etwas Schnee. Am 27. frischten südwestliche Winde auf — tiefes Depressionszentrum über Südschweden —, welche am 28. Sturmesstärke annahmen und vielfachen Schaden in Wäldern (Jura!) verursachten; dabei stieg die Temperatur bis auf 10 Grad im Mittellande; in den Alpentälern ging Föhn. Die letzten Tage des Jahres brachten, als das umfangreiche Depressionsgebiet allmählich ostwärts abzog und Hochdruck aus NW nachrückte, leichte Schneefälle und Frost.

Resumieren wir: Der Winter 1912/1913 war warm und brachte es daher wie sein Vorgänger zu keiner Schneedecke im Mittelland, trotz reichlicher Niederschläge wenigstens bis im Februar; letzterer Monat war ganz ungewöhnlich hell und trocken. Von den Frühlingsmonaten ist hervorzuheben der sehr warme März; um so verderblicher für viele Kulturen war dann der unerhörte Kälterückfall Mitte April. Auf einen hellen, warmen und trockenen Frühsommer setzte in der zweiten Junihälfte sehr trübes, kühles und regnerisches Wetter ein, das uns den kältesten je beobachteten Juli brachte, und auch der Spätsommer war erheblich kühler und trüber als normal. Besser liess sich der Herbst an, der im Oktober recht trocken, im November ganz ungewöhnlich mild war. Auch der Dezember brachte bis gegen Ende des Monats noch kein Winterwetter.

Monatswerte der wichtigsten meteorologischen Elemente 1913.

	Höhe m	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	Jahr
		Temperatur.												
Basel	277	2.7	2.3	7.5	9.1	13.7	16.5	15.8	16.7	13.9	11.3	8.4	2.2	10.0
La Chaux-de-Fonds	987	1.3	−1.0	3.2	4.8	9.6	12.0	11.9	13.6	10.7	8.3	5.0	−1.6	6.5
Zürich	493	0.9	1.0	7.0	8.2	12.6	15.4	14.8	16.0	13.1	10.0	7.2	1.4	9.0
Genf	405	3.3	1.7	7.1	9.4	13.2	17.0	16.4	17.6	14.2	10.3	7.8	1.9	10.0
Davos	1561	−4.7	−6.2	0.2	1.9	6.8	9.8	8.8	10.2	8.0	5.6	0.6	−5.9	2.9
Säntis	2500	−7.3	−8.5	−4.9	−4.9	−0.7	2.2	1.3	3.6	2.2	1.8	−3.4	−8.8	−2.3
Lugano	276	2.2	2.7	7.3	10.0	15.0	19.9	19.5	19.7	15.8	11.9	8.7	3.8	11.4
		Abweichungen von den normalen Monatsmitteln.												
Basel	277	3.0	0.2	2.6	−0.4	0.4	−0.6	−3.2	−1.3	−0.8	2.2	3.7	1.7	0.6
La Chaux-de-Fonds	987	4.1	−0.3	2.3	−0.6	0.5	−1.1	−3.5	−0.8	−1.0	2.2	3.5	0.4	0.5
Zürich	493	2.3	0.2	3.2	−0.6	−0.3	−1.1	−3.6	−1.3	−1.1	1.6	3.6	2.0	0.4
Genf	405	3.3	−0.3	2.2	0.0	−0.1	−0.1	−3.1	−0.7	−0.9	0.8	2.9	1.0	0.4
Davos	1561	2.6	−1.2	2.7	−0.5	0.0	−0.5	−3.4	−1.1	−0.5	2.2	1.8	0.1	0.2
Säntis	2500	1.5	0.2	3.5	−0.2	0.1	−0.3	−3.7	−1.1	−0.7	3.5	1.7	−0.7	0.3
Lugano	276	0.9	−0.8	0.4	−1.4	−0.1	0.8	−2.0	−0.8	−1.4	0.4	2.5	1.5	0.0
		Niederschlag ($^{m}/_{m}$).												
Basel	277	46	34	62	50	84	75	53	87	76	49	109	54	779
La Chaux-de-Fonds	987	151	55	116	123	99	80	128	104	143	59	196	97	1351
Zürich	493	71	19	87	64	65	149	109	134	105	20	103	62	988
Genf	405	73	31	142	57	69	32	76	52	96	86	144	71	929
Davos	1561	75	16	35	49	80	122	150	115	70	64	151	76	1003
Säntis	2500	311	69	153	254	302	362	510	364	202	78	474	386	3465
Lugano	276	18	6	222	248	150	127	182	197	148	266	45	12	1621
		Abweichungen von den normalen Monatsmengen.												
Basel	277	9	−5	10	−16	2	−30	−35	1	−2	−33	47	2	−50
La Chaux-de-Fonds	987	42	−27	23	5	−20	−37	3	−14	33	−79	99	−9	+19
Zürich	493	22	−38	13	−32	−49	15	−23	1	−5	−83	32	−12	−159
Genf	405	31	−14	88	−8	−12	−43	−3	−38	16	−27	65	15	+70
Davos	1561	29	−39	−20	−6	22	20	26	−11	−25	−4	95	13	+100
Säntis	2500	167	−101	−18	48	103	78	197	89	−8	−105	352	231	+1033
Lugano	276	−49	−49	121	89	−29	−58	23	14	−46	57	−93	−60	−80
		Monatssummen der **Sonnenscheindauer** in Stunden.												
Basel *)	277	67	158	134	144	208	193	179	229	170	132	52	61	1726
La Chaux-de-Fonds	987	63	151	100	108	168	133	147	219	148	140	49	64	1490
Zürich	493	37	147	151	143	194	166	160	228	115	105	30	45	1521
Genf	405	25	115	127	148	212	204	182	240	149	116	55	52	1625
Davos	1561	94	132	166	140	148	158	123	210	150	137	69	76	1603
Säntis	2500	92	177	145	118	160	127	115	155	166	149	59	84	1547
Lugano	276	105	161	136	150	206	277	269	226	124	130	114	154	2052
		Abweichungen von den normalen Mitteln.												
Basel	277	9	69	16	1	28	−9	−50	11	13	22	−12	8	105
Zürich	493	−11	66	22	−17	−5	−50	−88	−4	−49	3	−19	8	−144
Genf	405	−22	28	−5	−22	5	−18	−89	−14	−33	−4	−9	17	−166
Davos	1561	−8	23	17	−18	−27	−18	−87	1	−22	4	−33	−15	−183
Säntis	2500	−30	59	11	−19	8	−20	−51	−25	7	11	−78	−39	−166
Lugano	276	−22	14	−45	−33	−8	33	−23	−47	−77	−17	10	37	−178

*) Basel hat einen neuen Heliographen, der empfindlicher ist als die alten Instrumente.

Nr. 2.

Ergebnisse der Niederschlagsmessungen auf den meteorol. Stationen I.–III. Ordnung im Jahre 1913.

Die Änderungen im Netze der Meteorologischen und Regenmesstationen finden sich in der Einleitung pag. IV dieses Bandes angegeben.

Monats- und Jahressummen

der Niederschlagsmessungen sämtlicher meteorol. Stationen I.—III. Ordnung im Jahre 1913.

Bei Zählung der Niederschlagstage sind in dieser Tabelle nur die Tage mit mindestens 1,0 mm berücksichtigt worden.
Die mit * bezeichneten Summen sind nach den Nachbarstationen interpoliert.

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
A. Rheingebiet																	
I. Quellgebiet bis Bodensee.																	
Tavetsch (Sedrun)	ca 1401	95	32	78	105	82	122	130	103	190	106	139	113	1295	35	8. X. 10. XI.	134
Platta (Medels)	1378	35	7	90	112	101	86	119	95	256	166	97	61	1225	61	8. X.	125
Surrhein	ca 892	44	12	74	92	77	98	121	90	203	110	109	77	1107	54	14. IX.	112
Panix	ca 1300	105	15	55	105	73	140	174	88	122	76	158	121	1232	50	16. XI.	130
Vrin	ca 1454	42	2	96	101	98	90	179	133	127	112	84	61	1125	78	15. VII.	115
Vals	ca 1248	29	3	76	91	79	91	128	71	123	159	109	58	1017	54	28. X.	108
Ilanz	ca 704	67	16	59	86	66	80	134	82	95	85	140	85	995	48	16. XI.	116
Flims	ca 1102	95	19	39	87	88	123	178	97	93	79	166	126	1190	47	16. XI.	125
Safienplatz	ca 1270	40	11	64	62	89	120	164	104	105	103	128	71	1061	57	15. VII.	124
Bernhardin-Pass	2073	51	27	367	265	152	113	114	172	328	470	286	79	2424	116	12. XI.	134
Hinterrhein	ca 1624	24	12	210	199	139	151	194	120	258	398	239	52	1996	108	12. XI.	149
Splügen (Dorf)	1467	39	6	90	106	99	132	149	124	228	291	106	33	1403	85	8. X.	133
Avers-Cresta	ca 1949	24	9	50	83	91	138	141	81	130	172	170	42	1131	66	8. X.	123
Andeer	ca 980	24	—	—	—	—	—	—	77	98	118	95	36	—	—	—	—
Thusis	ca 711	28	5	64	47	54	105	118	81	88	113	120	38	861	47	8. X.	106
Julier	2237	9	12	109	56	148	191	132	118	147	142	107	34	1205	39	16. IX.	115
Stalla (Bivio)	ca 1780	27	23	104	105	119	155	160	92	135	155	164	77	1316	55	8. X.	128
Mühlen	ca 1461	27	21	67	51	43	143	158	111	71	121	129	53	995	45	6. VI.	116
Savognin	ca 1213	26	8	73	61	77	108	120	88	72	92	137	54	916	45	15. VII.	111
Latsch	ca 1580	46	17	55	63	84	117	136	85	75	78	117	65	938	47	8. X.	116
Filisur	ca 1040	39	8	42	52	77	106	132	90	66	81	122	58	873	51	8. X.	114
Davos-Platz	1560	75	16	35	49	80	122	150	115	70	64	151	76	1003	41	8. X.	132
Davos (Schatzalp)	1868	80	23	53	66	109	143	204	135	78	65	166	94	1216	42	8. X.	139
Nisellas (Alvaschein)	ca 890	31	6	47	43	52	90	125	85	70	85	98	46	778	48	15. VII.	102
Lenzerheide	ca 1477	67	15	58	54	78	94	155	107	80	86	97	77	968	51	15. VII.	114
Tomils	ca 823	50	8	41	31	40	79	109	88	69	82	115	53	765	39	8. X.	105
Reichenau	604	85	11	44	61	58	105	137	92	73	81	139	102	988	59	15. VII.	117
Arosa	1854	74	33	73	105	122	133	206	117	102	78	177	161	1381	61	10. XII.	139
Tschiertschen	1350	65	10	51	64	91	107	167	109	73	90	138	115	1080	53	8. X.	128
Langwies	ca 1377	53	19	50	51	99	100	193	112	62	76	144	94	1053	48	8. X.	133
Chur	610	51	7	32	38	49	77	120	93	57	74	137	75	810	41	8. X.	107
Klosters	ca 1207	86	28	46	73	120	159	228	166	87	80	175	125	1373	56	16. XI.	136
St. Antönien	ca 1460	116	29	44	65	119	165	212	181	111	84	171	137	1434	52	8. X.	146
Schiers	ca 660	74	15	34	59	67	121	169	105	58	72	146	95	1015	42	8. X.	127
Seewis	954	95	24	49	77	96	154	209	125	78	73	196	149	1325	54	16. XI. 6. XII.	138
Plantahof (Landquart)	ca 530	67	23	57	69	75	132	188	101	72	68	209	128	1189	66	16. XI.	133
Vättis	951	71	15	38	53	56	117	184	85	82	62	152	95	1010	49	15. VII. 16. XI.	127
Valens	ca 920	109	27	45	90	123	193	255	116	94	66	197	156	1471	60	16. XI.	146
Ragaz	517	80	23	44	64	102	141	236	138	101	64	166	96	1255	45	16. XI.	136
Sargans	507	89	35	49	90	94	156	199	147	89	60	157	103	1268	41	27. VI.	146
Sevelen	464	49	13	34	61	53	135	168	154	92	53	119	59	990	30	15. VII.	134
Haag	448	56	16	56	115	105	215	248	256	143	68	202	74	1554	51	8. VII.	133
Altstätten	449	104	32	71	93	105	160	211	231	103	58	161	110	1439	50	8. VII.	150
Heiden	797	107	43	99	111	129	205	248	245	131	48	196	132	1694	62	8. VII.	157

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
II. Bodensee bis Basel.																	
Rorschach	455	83	27	77	72	59	136	146	148	100	27	120	79	1074	37	10. IX.	135
St. Gallen	703	97	32	83	101	81	155	185	169	128	37	142	104	1314	42	8. VII.	147
Arbon	ca 409	77	29	79	58	51	124	132	135	105	29	95	50	964	27	10. IX.	142
Amriswil	ca 455	66	25	74	59	80	142	121	126	121	29	93	60	996	36	27. VI.	139
Romanshorn	ca 400	67	28	81	56	80	113	124	123	103	35	79	54	943	31	20. VIII. 10. IX.	128
Altnau	ca 458	70	30	73	61	62	109	106	117	101	33	93	52	907	32	10. IX.	129
Kreuzlingen	420	71	19	61	64	42	103	106	97	78	21	86	38	786	26	8. VII.	121
Haidenhaus	694	62	19	78	57	49	114	124	87	75	26	81	44	816	28	19. VI.	124
Steckborn	ca 400	70	21	78	57	39	102	93	79	69	21	88	33	750	26	6. VIII.	122
Eschenz	ca 417	87	27	78	53	44	117	161	104	70	22	98	31	892	47	19. VI.	116
Buch (Schaffhausen)	ca 430	68	—	—	50	42	57	83	87	71	22	93	29	—	—	—	—
Diessenhofen	ca 410	78	32	85	65	55	86	95	93	75	25	107	37	833	33	6. VIII. 12. XI.	135
Lohn	633	74	31	90	51	45	61	112	75	63	26	90	40	758	34	19. VI.	132
Schaffhausen	448	81	25	68	45	65	79	78	75	61	28	89	49	743	29	27. VI.	115
Rheinau	ca 361	69	26	61	44	35	61	81	73	60	25	100	38	673	30	12. XI.	121
Wil (bei Rafz)	ca 410	99	34	70	57	64	105	90	103	82	32	116	57	909	33	12. XI.	132
Kaiserstuhl*)	ca 342	90	25	70	56	66	75	81	109	81	31	117	55	856	34	12. XI.	130
Unter-Hallau	450	98	29	60	58	47	57	108	71	64	41	113	26	772	32	12. XI.	130
Wilchingen	ca 472	88	28	64	63	48	65	94	81	56	37	108	52	784	32	12. XI.	127
Schleitheim	ca 490	103	33	66	58	50	62	79	81	59	39	107	41	778	32	12. XI.	122
Wittnau	ca 415	88	34	85	75	71	68	100	117	121	46	136	77	1018	40	12. XI.	137
Möhlin	ca 332	81	34	88	75	114	60	98	105	76	39	143	79	992	37	10. V.	137
Wintersingen	444	74	38	91	78	106	86	95	104	120	40	129	88	1049	38	4. IX.	140
Rheinfelden	280	70	31	84	71	105	64	115	86	72	41	141	79	959	33	12. XI.	135
Kilchberg	ca 582	79	28	76	62	73	82	118	99	113	45	115	74	964	40	12. XI.	136
Böckten	ca 385	57	24	94	60	87	80	96	112	122	42	117	74	965	35	12. XI.	135
Eptingen	ca 571	87	33	100	67	114	97	112	116	113	36	124	92	1091	49	10. V.	147
Diegten	ca 500	69	30	71	58	77	87	97	104	113	51	107	75	939	38	12. XI.	133
Bennwil	ca 526	83	32	83	66	73	88	97	107	113	47	114	77	980	42	12. XI.	135
Waldenburg	ca 533	87	34	87	65	77	123	107	112	127	39	137	95	1090	61	12. XI.	133
Lampenberg	ca 404	72	27	79	57	78	95	85	96	112	40	108	71	920	42	12. XI.	141
Reigoldswil	ca 497	87	40	79	75	86	97	87	97	123	45	135	100	1051	49	12. XI.	133
Liestal	325	63	40	76	70	111	68	73	97	69	40	117	79	903	36	12. XI.	126
Arisdorf	ca 430	67	33	92	67	107	93	100	100	95	40	119	75	988	33	12. XI.	135
Basel-Augst	ca 275	54	30	69	55	93	84	80	81	81	38	115	59	839	32	12. XI.	131
Choindez	465	52	56	92	73	102	57	110	123	96	49	106	79	995	47	12. XI.	134
Mervelier	ca 560	78	48	98	93	101	78	132	113	110	50	113	95	1109	37	12. XI.	—
Bellelay	ca 930	118	57	102	92	105	52	120	92	91	50	157	105	1141	43	12. XI.	152
Moutier	534	89	34	92	75	97	49	111	68?	114	49	122	74	974?	48	12. XI.	132
Chaluet près Court	825	103	39	108	108	110	65	139	101	113	52	122	86	1146	42	12. XI.	147
Delémont	ca 435	64	35	69	63	88	42	90	97	74	50	108	73	853	37	12. XI.	131
Seewen	ca 551	58	29	74	63	105	96	70	101	83	40	116	77	912	38	12. XI.	138
Grellingen	ca 328	64	31	85	63	96	99	77	124	101	51	114	73	978	38	12. XI.	141
Pfeffingen	ca 394	53	33	80	66	111	77	72	131	82	48	112	69	934	43	12. XI.	126
Neue Welt	ca 267	50	38	72	51	100	51	55	96	72	54	111	63	813	36	12. XI.	135
Therwil	ca 310	48	36	70	44	85	56	56	91	66	57	106	53	768	37	12. XI.	124
Binningen	ca 286	49	38	66	55	79	53	45	72	70	54	104	53	738	33	12. XI.	134
Basel	277	46	34	62	50	84	75	53	87	76	49	109	54	779	32	12. XI.	131
III. Thur.																	
Wildhaus	ca 1115	117	39	54	118	147	220	279	267	156	50	225	159	1831	65	27. VI.	159
Starkenbach	ca 894	164	54	78	120	161	275	336	352	165	55	261	209	2230	70	16. XI.	161
Nesslau	ca 753	140	52	76	102	139	258	318	254	175	49	236	163	1962	66	16. XI.	162
Ebnat	649	129	41	77	124	114	190	233	222	179	46	238	133	1726	58	16. XI.	160
Ricken	ca 790	109	44	88	124	143	224	296	186	164	52	261	150	1841	74	16. XI.	160
Lichtensteig	ca 617	91	42	78	106	81	193	190	176	138	34	164	89	1382	50	18. VI.	154
Peterzell	ca 705	135	57	83	98	101	197	208	205	160	39	157	109	1549	42	8. VII.	156
Wil (St. Gallen)	ca 584	79	27	71	67	67	143	131	116	110	20	102	52	985	31	10. IX.	139
Nollen	ca 740	68	28	74	65	112	141	150	131	126	25	128	61	1109	35	6. VIII.	117
*) Laufenburg	ca 325	111	40	88	68	70	54	96	102	74	37	161	75	976	37	16. XI.	125

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Herisau	ca 777	70	35	65	88	90	145	175	173	134	35	114	84	1208	37	8. VII. 10. IX.	149
Degersheim	ca 814	77	40	88	105	102	159	204	155	143	38	140	94	1344	51	8. VII.	157
Flawil	ca 616	94	41	72	93	84	143	173	160	111	28	127	66	1192	37	19. VII.	120
Bischofszell	ca 502	97	20	82	62	82	127	133	150	123	15	107	67	1065	31	6. VIII.	131
Schwäbrig	1152	59	19	67	89	107	204	237	218	158	46	143	98	1445	53	8. VII.	155
Säntis	2500	311	69	153	254	302	362	510	364	202	78	474	386	3465	77	16. XI.	186
Appenzell	ca 781	98	35	72	106	93	181	238	258	44	48	172	112	1457	58	8. VII.	158
Urnäsch	ca 837	98	57	92	138	125	238	295	222	179	46	218	136	1844	63	8. VII.	163
Teufen	ca 853	85	34	87	125	97	176	244	188	163	43	136	109	1487	53	8. VII.	148
Sulgen	ca 483	61	27	66	58	62	104	116	122	117	22	94	53	902	26	6. VIII.	121
Weinfelden	ca 446	61	26	74	58	56	100	120	99	97	23	91	51	856	37	8. VII.	134
Raperswilen	ca 590	75	29	85	72	60	113	109	93	83	27	94	67	907	36	19. VI.	131
Müllheim	ca 415	64	27	79	58	42	93	108	86	81	23	91	52	804	30	19. VI.	166
Dussnang	ca 595	116	51	97	118	83	143	152	126	143	27	156	84	1296	35	10. IX.	150
Eschlikon	ca 562	104	36	81	77	72	121	142	124	118	22	142	66	1105	33	10. IX.	144
Wängi	ca 430	89	25	72	59	72	116	112	126	109	21	115	54	970	39	6. VIII.	130
Aadorf	ca 538	91	32	82	70	68	127	118	135	92	21	125	56	1017	39	6. VIII.	139
Affeltrangen	ca 495	69	32	80	66	59	131	121	110	100	24	106	59	957	31	6. VIII.	135
Thundorf	ca 560	81	36	85	66	64	136	136	103	104	21	112	60	1004	33	8. VII.	139
Frauenfeld	425	76	25	74	56	68	136	114	105	88	20	99	47	908	24	8. VII.	125
Kalchrain	ca 585	66	22	79	57	47	156	150	89	91	21	92	29	899	37	5. VI.	120
Nieder-Neunforn	ca 446	68	19	70	51	52	94	110	107	83	22	91	29	796	30	6. VIII.	123
Andelfingen	370	77	22	66	54	43	94	91	88	78	24	87	40	764	28	19. VI.	125
IV. Töss.																	
Bauma	ca 643	90	43	102	144	97	153	201	143	232	51	196	108	1560	63	10. IX.	148
Sternenberg	ca 880	51	29	79	100	82	170	174	141	124	27	155	94	1226	35	8. VII.	142
Kollbrunn	ca 495	111	29	81	75	63	112	123	125	111	23	146	78	1077	33	10. IX.	137
Fehraltorf	ca 536	59	26	80	68	72	141	136	132	106	23	127	67	1037	34	27. VI.	132
Winterthur	445	97	29	81	62	54	110	96	116	97	22	130	61	955	32	6. VIII.	129
V. Glatt.																	
Hinwil	ca 569	69	27	106	97	106	199	188	161	133	41	149	92	1368	47	27. VI.	144
Grüningen	ca 488	57	24	92	57	55	126	155	141	136	34	132	101	1110	37	27. VI.	139
Pfäffikon	ca 550	62	29	97	74	75	140	176	177	127	36	146	76	1215	39	27. VI.	142
Uster	ca 466	54	23	85	68	60	112	113	136	100	20	118	67	956	35	27. VI.	134
Dübendorf*)	ca 440	77	27	85	59	76	137	110	131	110	23	137	65	1037	37	27. VI.	143
Niederhasli	ca 425	76	23	58	57	64	97	95	96	95	22	115	46	844	36	12. XI.	126
Hochfelden	ca 401	93	31	63	67	56	90	74	96	90	26	110	45	841	26	12. XI.	131
VI. Limmat.																	
Weisstannen	ca 1006	93	23	57	103	119	158	228	115	86	62	160	148	1352	35	6. XII.	155
Walenstadt	ca 430	106	13	29	109	89	187	207	242	121	56	186	110	1455	55	16. XI.	151
Obstalden	ca 690	101	33	52	122	110	209	273	317	164	57	186	137	1761	54	16. XI.	150
Weesen	ca 430	83	34	30	98	75	159	242	248	160	47	200	160	1536	53	24. VIII.	153
Elm	958	106	27	50	117	109	200	249	116	74	73	184	126	1431	45	27. VI.	157
Auen (Linthal)	821	124	44	45	116	120	225	285	171	189	54	199	181	1753	58	16. XI.	150
Glarus	477	105	41	40	115	90	168	222	191	161	49	164	120	1466	45	27. VI.	144
Klönthal	ca 838	115	43	64	150	111	244	302	216	188	56	175	155	1819	50	27. VI.	167
Oberkirch (b. Uznach)	ca 468	88	33	94	107	116	211	289	196	160	44	190	135	1693	63	8. VII.	152
Vorder-Wäggithal	ca 740	118	31	107	142	134	256	318	260	183	60	222	170	2001	60	27. VI.	160
Lachen	ca 410	69	24	84	89	99	168	241	205	119	32	133	105	1368	47	27. VI.	146
Wald (Sanatorium)	910	69	26	99	139	119	198	314	209	139	56	204	142	1714	59	8. VII.	164
Bachtel	ca 1119	75	31	113	136	117	194	251	194	145	45	186	146	1633	54	27. VI.	148
Rapperswil	ca 412	48	13	87	49?	62	161	170	176	91	25	125	89	1096	41	27. VI.	131
Wädenswil (Dorf)	ca 420	94	31	99	98	82	164	185	128	113	24	157	81	1246	39	27. VI.	137
Schönenberg (Waldhalde)	ca 700	88	41	106	109	101	211	254	174	106	29	172	127	1418	48	27. VI.	148
*) Oerlikon	450	66	19	66	63	67	117	92	101	97	18	110	56	872	43	27. VI.	134

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Küsnacht (Zürich) .	ca 427	79	30	87	61	69	136	135	125	92	28	120	79	1201	26	{16. XI. 6. XII.	141
Thalwil	ca 425	98	24	74	81	73	190	217	112	129	32	145	79	1254	39	27. VI.	133
Oberiberg	1090	118	39	86	170	114	249	297	242	160	54	197	160	1886	56	10. IX.	170
Euthal	ca 895	89	29	84	156	135	233	281	239	136	44	176	146	1748	54	27. VI.	156
Einsiedeln	914	92	36	74	140	119	208	271	218	134	45	191	127	1655	54	8. VII.	158
Albishorn	915	49	16	85	83	73	176	226	145	113	25	120	77	1188	44	8. VII.	138
Sihlwald	493	90	33	98	87	112	154	182	131	115	31	156	102	1291	42	6. XII.	140
Zürich (Epilep. Anst.)	ca 460	81	28	75	74	63	119	133	110	109	16	121	68	997	32	27. VI.	130
Zürich (Meteor. C.-A.)	493	71	19	87	64	65	149	109	134	105	20	103	62	988	50	27. VI.	132
Schlieren	ca 400	84	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dietikon	ca 392	100	30	71	55	101	112	117	95	102	26	142	87	1038	44	10. V.	135
Boppelsen	ca 525	90	23	72	71	73	112	126	107	112	23	135	69	1013	33	16. XI.	127
Baden	385	93	33	70	64	79	71	103	112	95	32	142	62	956	46	12. XI.	132
VII. Reuss.																	
Andermatt	1446	109	32	96	108	102	108	100	92	167	178	100	121	1313	60	8. X.	140
Altkirch (Kaserne) .	ca 1450	109	28	96	137	111	177	139	102	184	178	119	145	1525	61	8. X.	143
Göschenenalp . . .	1715	57	14	91	107	95	122	120	92	154	146	86	73	1157	51	8. X.	144
Göschenen	1107	106	31	118	150	132	140	136	94	159	110	143	151	1470	45	31. III.	141
Färnigen b. Wasen .	ca 1460	183	68	59	150	97	142	178	101	114	61	135	157	1445	48	16. XI.	152
Gurtnellen	742	88	26	52	110	93	112	134	85	119	90	133	136	1178	44	8. X.	129
Lungenstutz b. Amsteg	ca 1097	82	30	53	167	166	211	263	138	171	93	168?	169	1711?	48	27. VI.	155
Unterschächen . . .	ca 1050	92	25	83	130	188	223	259	184	166	62	144	155	1711	58	27. VI.	169
Altdorf	456	61	18	43	96	127	157	189	166	100	41	101	115	1214	45	6. XII.	147
Isenthal	ca 778	79	23	72	123	154	222	235	217	132	41	129	113	1540	70	27. VI.	158
Bisisthal	ca 900	120	41	57	167	160	238	385	258	186	54	263	203	2132	68	16. XI.	158
Rickenbach b. Schwyz	ca 590	96	39	84	150	171	235	287	228	129	53	178	168	1818	49	20. VIII.	160
Sattel	ca 832	87	36	94	125	115	219	280	194	136	39	158	129	1612	54	10. IX.	148
Gersau	442	103	36	91	161	137	236	257	232	135	44	162	142	1736	53	27. VI.	152
Vitznau	440	61	24	78	115	142	235	235	198	159	34	141	102	1524	52	27. VI.	145
Rigi-Kulm	1787	38	17	76	104	147	342	429	280	128	51	220	139	1971	83	20. VIII.	147
Küsnacht (Schwyz)	440	46	30	97	79	103	215	201	149	109	27	120	95	1271	38	{27. VI. 10. IX.	143
Weggis	450	47	27	102	115	123	235	200	171	137	33	149	100	1439	47	27. VI.	148
Engelberg	1018	95	26	81	130	141	215	254	191	133	41	129	134	1570	35	27. VI.	156
Stans	ca 456	36	23	44	104	134	192	211	194	149	38	67	73	1265	40	10. IX.	161
Lungern	ca 726	126	43	62	99	111	203	214	167	121	27	153	127	1453	45	6. XII.	153
Sarnen	487	44	22	64	76	67	213	152	153	124	30	84	66	1095	34	10. IX.	136
Pilatus-Kulm . . .	2068	25	37	105	151	142	287	188	192	133	23	148	152	1583	55	10. IX.	153
Luzern	453	50	24	96	97	97	211	163	152	88	24	109	70	1181	37	10. IX.	139
Flühli	ca 893	89	32	75	125	146	249	260	196	154	32	136	78	1572	43	8. VII.	155
Entlebuch	ca 722	76	31	122	111	110	180	131	120	121	18	126	97	1243	36	10. IX.	140
Buchsteg (Eigental) .	ca 1050	67	35	140	144	166	294	221	245	120	28	174	108	1742	58	27. VI.	155
Hauptsee	ca 729	167	40	88	142	138	237	273	219	126	36	193	150	1809	50	10. IX.	153
Unter-Aegeri . . .	ca 735	63	18	108	95	102	246	255	183	130	30	166	107	1503	58	27. VI.	149
Walchwil	426	53	25	103	98	115	208	199	166	120	33	137	97	1354	38	10. IX.	147
Zug	ca 429	57	22	95	81	95	194	175	181	101	31	126	95	1253	39	19. VI.	139
Cham	ca 425	48	24	96	71	97	177	186	155	136	26	121	74	1211	50	10. IX.	147
Hausen a. Albis . .	ca 603	61	28	105	82	90	165	207	164	102	28	131	86	1249	44	8. VII.	133
Bremgarten	ca 371	77	21	72	46	72	102	113	106	137	21	135	75	977	47	12. XI.	140
VIII. Aare.																	
Guttannen	1055	121	51	121	154	207	221	235	148	125	95	154	217	1849	50	10. XII.	163
Gadmen	393	132	32	54	115	139	230	258	147	120	46	170	163	1606	60	6. XII.	153
Meiringen	605	87	27	62	86	129	221	191	160	124	22	113	117	1339	35	10. IX.	153
Brienz	ca 575	79	28	58	93	104	191	235	173	110	23	110	102	1306	44	20. VIII.	146
Eigergletscher . .	2323	172	56	104	215	154	233	248	148	146	75	148	119	1818	63	1. IV.	167
Grindelwald . . .	1050	—	—	—	—	—	208	205	119	126	30	115	108	—	—	—	—
Lauterbrunnen . . .	ca 810	86	32	61	78	98	139	180	122	96	18	91	84	1085	30	20. VIII.	132
Interlaken	592	93	35	63	90	87	146	210	145	104	24	101	141	1239	57	30. VII.	132
Beatenberg	1148	120	37	87	119	117	191	232	136	131	27	117	138	1452	48	8. VII.	150

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Kandersteg	ca 1170	79	32	81	79	103	124	153	103	118	25	98	75	1070	29	31. III.	146
Adelboden	ca 1365	56	33	81	57	118	140	134	109	125	28	93	74	1048	32	31. III. 1. V. 10. IX.	146
Frutigen	ca 820	77	24	69	48	79	141	132	121	146	29	97	72	1035	29	1. IX.	144
Kienthal	ca 970	71	30	84	79	94	137	172	170	141	24	94	99	1195	40	20. VIII.	150
Lenk	ca 1071	105	34	65	77	110	119	131	103	129	32	130	96	1131	34	6. XII.	146
Zweisimmen	ca 960	132	35	77	86	89	126	123	92	92	32	150	97	1131	39	13. XI.	138
Boltigen	ca 830	114	38	82	89	98	136	157	86	93	27	160	117	1197	47	6. XII.	145
Wimmis	ca 640	91	31	93	81	95	189	140	166	121	26	147	102	1282	42	13. XI.	140
Heiligenschwendi	ca 1125	45	36	98	87	84	181	175	172	124	33	120	74	1229	33	29. VIII.	149
Thun	565	37	24	83	54	66	144	103	97	114	25	103	48	898	32	12. XI.	130
Schwarzenegg	ca 910	47	33	107	93	89	179	160	123	115	32	124	78	1180	33	21. VI.	144
Grosshöchstetten	ca 750	55	29	102	80	83	129	143	86	118	36	149	55	1065	41	12. XI.	135
Belp	ca 525	70	29	119	93	89	93	108	104	101	44	167	52	1069	51	12. XI.	142
Bern	572	66	30	107	78	85	57	96	75	140	40	131	49	954	44	12. XI.	138
Lauenen	ca 1260	125	73	111	109	85	122	165	120	122	35	161	102	1330	35	12. XI.	159
Gsteig bei Saanen	ca 1180	107	40	74	65	68	147	142	89	118	30	146	70	1096	35	13. XI.	134
Saanen	ca 1030	131	36	75	78	83	134	140	112	93	26	144	105	1157	45	6. XII.	136
Château d'Oex	ca 961	86	38	76	86	85	98	171	87	85	35	135	80	1062	34	13. XI.	135
Jaun	ca 1030	117	38	100	105	145	156	216	107	125	42	185	107	1443	39	12. XI.	144
La Valsainte	ca 1032	117	45	143	138	167	163	231	135	97	58	220	123	1637	37	10. V.	146
Marsens	727	86	33	143	73	111	132	137	87	91	38	188	78	1197	45	12. XI.	140
La Roche	ca 770	70	30	143	78	115	160	136	87	117	52	177	70	1235	46	12. XI.	141
Romont	ca 764	90	36	149	74	109	78	94	59	84	44	163	55	1035	53	12. XI.	136
Freiburg	ca 650	57	30	113	74	85	75	95	51	80	32	147	40	879	53	12. XI.	134
Plaffeyen	ca 850	72	24	92	90	102	133	121	78	80	46	176	49	1063	50	12. XI.	—
Schwarzenburg	ca 800	81	32	129	102	130	142	136	67	112	43	170	71	1215	54	12. XI.	135
Aarberg	ca 465	92	33	92	66	78	39	100	73	106	41	141	54	915	49	12. XI.	127
Palézieux	ca 633	126	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Moudon	ca 515	108	16	138	74	69	40	88	52	91	42	152	44	914	50	12. XI.	136
Corcelles	ca 560	74	24	92	45	49	46	146	102	84	45	105	26	838	45	12. XI.	127
Yverdon	ca 440	115	34	104	78	70	30	100	80	98	48	118	38	913	47	12. XI.	125
Payerne	ca 445	62	25	119	43	69	49	81	59	62	24	128	25	746	50	12. XI.	127
Murten	ca 460	65	43	106	54	63	48	83	75	95	32	128	34	826	51	12. XI.	130
La Cure	ca 1165	147	55	183	135	80	71	168	99	129	88	195	110	1460	54	6. XII.	152
Le Sentier	ca 1024	131	46	137	120	73	75	183	138	150	72	173	78	1376	49	30. VII.	169
Le Solliat	ca 1050	179	61	145	135	79	79	166	155	128	76	203	111	1517	41	6. XII.	155
Montchérand	565	111	40	83	73	42	41	89	82	98	50	113	47	869	44	12. XI.	131
Vaulion*)	ca 339	139	51	116	106	76	52	124	86	104	73	175	98	1200	47	12. XI.	146
Valleyres-sous-Rances	505	122	50	80	75	40	26	106	83	105	53	111	60	911	43	12. XI.	132
Baulmes**)	ca 634	149	71	122	114	96	35	146	88	171	57	186	87	1322	66	9. IX.	146
Limasse	ca 1128	139	18?	124	152	111	62	177	151	132	58	197	69	1390	40	12. XI.	161
St-Sulpice	ca 760	147	57	131	148	136	71	159	127	154	66	176	91	1463	41	14. IX.	159
Couvet	ca 750	111	49	115	96	82	69	134	108	142	77	143	70	1196	37	12. XI.	155
Brot-Dessous	ca 868	84	40	104	70	93	40	110	147	116	47	160	60	1071	55	29. VIII.	139
Belmont s. Boudry	ca 491	134	72	126	131	91	51	97	138	167	54	147	32	1240	51	4. IX.	138
Chambrelien	ca 743	104	59	116	86	83	40	103	122	143	51	157	54	1118	54	12. XI.	139
La Brévine	1070	109	53	124	117	100	100	175	121	166	65	171	129	1430	42	30. VII.	160
Les Ponts	1020	140	65	109	115	134	77	153	37	147	62	169	72	1280	50	29. VIII.	161
Chaumont	1127	110	47	83	69	73	41	103	123	125	38	129	31	972	43	12. XI.	137
Dombresson	740	98	51	77	61	64	47	103	110	110	33	144	70	968	48	12. XI.	137
Cernier	800	139	65	89	87	88	57	118	155	93	41	201	82	1215	62	12. XI.	136
Fontainemelon	ca 870	171	74	122	98	112	62	141	154	142	60	211	101	1448	54	12. XI.	148
Serrières	ca 470	77	48	72	47	43	34	69	93	115	27	102	31	758	45	12. XI.	121
Malvilliers	ca 860	142	59	131	103	110	60	137	135	134	55	199	85	1350	61	12. XI.	147
Valangin	ca 655	111	57	75	58	69	34	70	113	110	37	138	49	921	56	12. XI.	127
Neuenburg	488	111	54	97	56	65	41	93	97	143	35	127	48	967	55	12. XI.	126
Champ-Fahy (s. Neuveville)	ca 800	126	57	97	79	69	35	90	98	115	45	143	53	1007	56	12. XI.	141
Biel	ca 440	137	53	108	87	84	43	112	84	103	32	136	66	1045	53	12. XI.	135
Evilard	ca 700	153	57	104	92	77	46	128	95	123	31	153	84	1143	52	12. XI.	132
Solothurn	470	131	38	91	82	122	65	151	85	85	54	171	109	1184	48	12. XI.	129
Mont-Soleil	ca 1250	138	56	110	95	109	73	168	101	91	61	177	106	1285	43	12. XI.	152
*) Vallorbe	770	151	65	134	134	81	64	163	119	123	67	185	100	1386	44	30. VII.	144
**) Vuitebœuf	600	141	64	104	92	83	46	147	74	133	56	146	69	1155	46	12. XI.	133

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Courtelary	699	—	36	78	64	84	43	93	95	58	42	137	74	—	51	12. XI.	—
Weissenstein	ca 1283	121	33	66	101	95	78	143	103	104	42	146	67	1099	40	12. XI.	142
Feldbrunnen	ca 455	126	35	90	88	97	73	155	99	103	53	166	106	1191	48	12. XI.	135
Herbetswil	ca 526	138	57	92	107	107	69	121	90	118	50	139	106	1194	48	12. XI.	151
Balsthal	503	97	38	81	80	82	68	93	86	122	32	119	80	978	39	12. XI.	139
Langenbruck	706	117	36	82	78	98	98	119	92	132	36	133	120	1141	39	12. XI.	145
Schangnau	ca 930	68	40	109	164	141	196	194	150	146	39	152	116	1115	43	10. XI.	158
Eggiwil	ca 820	63	30	105	107	105	200	154	109	124	38	135	62	1232	32	3. VI.	146
Marbach	ca 875	88	30	105	153	153	222	191	141	185	44	167	124	1603	43	19. VI.	149
Escholzmatt	ca 853	83	39	117	144	127	208	175	132	137	40	149	101	1452	47	19. VI.	154
Langnau i. E.	ca 685	65	30	123	88	123	156	130	123	153	29	146	71	1237	33	12. XI.	146
Wasen	ca 755	77	28	121	101	131	129	208	98	115	33	146	70	1257	42	12. XI.	146
Affoltern i. E.	795	71	26	127	75	102	106	206	100	108	37	140	74	1172	41	12. XI.	149
Burgdorf	ca 535	75	29	100	73	83	63	127	73	101	42	126	60	952	46	12. XI.	137
Herzogenbuchsee	ca 475	88	25	69	72	86	70	120	97	120	51	128	70	996	47	12. XI.	136
St. Urban	ca 452	98	29	74	72	77	88	114	101	113	42	118	71	997	36	12. XI.	127
Luthern	ca 778	97	31	139	114	101	133	165	89	113	29	158	89	1258	41	12. XI.	147
Willisau	ca 560	56	23	93	69	82	139	140	85	98	28	97	61	971	35	19. VI.	137
Zofingen	ca 436	92	28	69	76	80	96	123	85	117	43	102	64	975	34	19. VI.	133
Allerheiligen	ca 900	107	43	103	117	116	100	130	90	129	36	151	110	1232	56	12. XI.	139
Olten	ca 400	108	34	86	81	69	70	109	90	137	39	140	93	1056	46	12. XI.	135
Triengen	ca 523	77	25	79	68	99	120	141	123	114	35	104	64	1049	31	10. V. / 12. XI.	126
Kölliken	ca 431	99	27	77	75	88	101	113	85	120	38	109	72	1004	32	12. XI.	133
Münster	ca 656	81	24	82	82	90	133	134	136	108	30	129	77	1106	39	19. VI.	137
Unter-Kulm	ca 470	100	24	71	70	73	134	98	125	135	41	114	72	1057	44	12. IX.	—
Aarau	406	95	27	66	66	60	86	116	102	112	34	108	58	930	33	12. XI.	127
Burg	ca 625	96	35	87	75	119	108	128	137	107	30	125	72	1119	44	10. V.	140
Hitzkirch	ca 520	86	23	77	63	66	153	124	136	93	20	95	58	994	48	19. VI.	136
Muri	483	92	29	69	50	100	118	118	116	82	22	119	78	993	42	10. V.	129
Bötzberg	ca 500	89	29	72	71	68	65	99	109	96	45	114	65	922	33	12. XI.	129
Schöfflisdorf	ca 476	91	26	59	68	61	111	89	83	99	29	117	48	881	35	12. XI.	130
Böttstein	360	109	41	70	84	51	68	112	124	92	43	142	69	1005	46	6. VIII.	124

B. Rhonegebiet.

I. Rhone und Genfersee.

Furka (Galenhütten)	ca 2406	111	40	129	165	240	113	174	101	146	133	120	235	1707	48	31. III. / 5. XII.	139
Gletsch	ca 1760	229	40	119	245	96	101	127	88	148	143	154	197	1687	67	23. I.	156
Oberwald	ca 1370	152	38	96	142	92	124	116	71	136	135	149	136	1387	58	31. III.	128
Reckingen	1349	150	34	98	126	96	72	75	56	97	132	*70	74	1080	57	31. III.	120
Fiesch	ca 1080	89	19	86	93	90	64	33	39	90	120	59	83	865	60	31. III.	114
Binn	ca 1390	69	15	123	112	105	57	26	45	140	131	52	46	921	80	31. III.	103
Simplon (Dorf)	ca 1480	45	31	126	173	131	39	31	57	163	329	85	51	1261	93	31. III.	93
Saas-Tamatten	ca 1562	63	13	110	126	118	36	42	29	80	154	35	65	871	74	31. III.	95
Saas-Fée	1800	58	11	87	85	108	45	44	30	91	172	41	43	815	81	28. X.	89
Zermatt	1613	59	1	88	76	98	32	52	38	47	60	38	49	638	53	31. III.	93
Grächen	1629	34	6	44	57	61	33	27	17	36	62	23	22	422	27	31. III.	76
Visp	720	64	14	57	62	45	23	24	18	31	57	39	66	500	49	31. III.	80
Kippel	ca 1376	141	27	54	91	69	42	64	41	47	38	93	67	774	32	22. I.	119
Leukerbad	1415	142	13	38	56	62	75	102	64	68	20	124	92	856	41	6. XII.	113
Varen bei Leuk	ca 750	80	13	40	46	36	28	40	33	43	10	62	39	470	23	6. XII.	83
Siders	551	65	12	41	49	24	35	52	31	35	10	62	36	452	22	31. III.	92
Zinal	ca 1678	108	15	52	48	51	68	81	57	63	17	70	37	667	36	1. V.	89
Nax	ca 1300	52	14	48	39	26	32	47	39	50	23	54	47	471	24	6. XII	87
Hérémence	ca 1240	59	14	56	43	29	48	58	35	54	27	67	49	539	27	31. III. / 10. IX.	93
Sion	540	69	9	54	35	20	25	34	34	40	21	56	38	435	25	31. III.	86
Bagnes (Chable)	ca 836	85	19	75	45	49	41	122	43	56	42	85	55	717	34	30. VII.	97
St. Bernhard	2475	158	42	152	188	165	98	99	72	199	100	239	133	1645	44	24. XI.	138
Bourg St-Pierre	ca 1633	52	12	75	47	55	64	61	53	77	76	75	35	682	41	31. III.	102

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
Praz de Fort . . .	ca 1153	89	20	37	92	68	66	32	67	67	35	97	62	732	50	24. XI.	100
Orsières	ca 890	69	9	70	38	53	42	60	52	61	41	92	42	629	44	31. III.	88
Martigny-Ville . . .	ca 480	85	28	67	40	30	47	62	54	54	25	85	41	564	26	31. III.	101
Marécottes	1090	166	30	88	75	44	79	100	72	75	25	136	74	964	34	13. XI.	117
Gryon	ca 1130	109	55	107	70	83	120	172	123	126	33	202	100	1300	33	13. XI.	—
Dailly	ca 1253	44	25	129	67	64	136	142	110	97	41	123	73	1051	35	13. XI.	129
Savatan	671	46	30	102	58	70	118	132	105	93	35	131	69	980	34	13. XI.	126
Vouvry(Porte du Scex)	ca 383	68	41	95	62	61	88	187	69	94	34	99	83	981	62	30. VII.	122
Clarens	376	58	41	121	63	89	82	151	67	85	46	145	72	1020	34	12. XI.	126
Lausanne	553	72	32	180	62	89	53	124	63	69	60	162	49	1015	50	12. XI.	123
Cossonay	ca 575	94	38	134	57	57	44	90	64	90	65	128	47	908	45	12. XI.	135
Longirod	ca 900	192	60	132	110	54	33	112	84	115	70	180	84	1226	50	6. XII.	127
St. Cergues	ca 1050	215	73	162	137	85	45	115	101	136	84	213	118	1484	50	6. XII.	151
Les Rouges s.Chéserex	ca 717	153	66	136	129	60	30	115	72	105	76	191	76	942	45	19. IV.	130
Nyon	ca 405	111	43	131	74	53	32	139	70	102	57	131	*80	1023	—	?	—
Céligny	ca 435	127	48	142	81	78	50	104	70	98	65	143	83	1089	46	6. XII.	133
Collex	ca 440	109	41	138	77	64	48	97	61	106	64	131	75	1011	46	6. XII.	127
Chambésy	ca 400	88	34	144	65	64	28	94	66	105	66	123	67	944	48	14. IX.	124
Genf	405	73	31	142	57	69	32	76	52	96	86	144	71	929	57	14. IX.	115
Châtelaine	ca 430	82	38	132	62	68	32	84	67	90	76	124	62	917	48	14. IX.	123
Hermance	ca 380	85	31	153	59	64	48	92	76	92	77	124	55	956	41	14. IX. / 6. XII.	121
Cologny	ca 450	66	27	137	57	64	36	89	41	91	68	118	54	848	45	14. IX.	118
Jussy	ca 475	57	27	151	67	64	31	83	50	103	64	122	47	866	50	14. IX.	114
Puplinge	ca 435	61	31	147	45	60	—	?	30	98	58	140	40	—	—	—	—
Veyrier	ca 425	63	31	138	61	53	34	71	41	90	77	108	59	826	43	14. IX.	104
Compésières . . .	ca 476	80	33	129	50	63	42	73	60	91	75	134	29	859	35	14. IX.	109
Satigny	ca 460	99	48	122	85	56	25	76	44	74	66	133	59	887	39	6. XII.	120
Athenaz	ca 430	86	45	123	78	58	38	63	67	78	77	134	76	923	44	6. XII.	123

II. Doubs.

Les Brenets . . .	878	142	53	121	94	110	208	147	115	135	68	172	102	1467	48	15. VI.	160
La Chaux-de-Fonds .	886	151	54	116	123	99	80	128	104	143	59	196	97	1350	46	12. XI.	157
Mormont	ca 550	97	60	98	86	109	70	95	110	96	68	134	88	1111	39	12. XI.	151
La Ferrière . . .	1020	—	—	—	—	—	86	140	100	114	54	174	72	—	45	12. XI.	—

C. Pogebiet.

I. Tessin.

Gotthard	2103	152	42	204	269	218	112	89	126	285	400	275	176	2348	94	12. XI.	182
Airolo	1143	65	8	215	187	102	44	67	99	268	420	182	42	1699	96	28. X.	117
Faido	759	28	3	188	122	86	53	49	61	302	356	171	23	1442	100	12. XI.	121
Olivone	ca 893	34	5	181	161	83	72	85	83	250	253	79	17	1303	62	8. X.	102
Comprovasco . . .	544	22	4	162	154	76	69	84	84	239	284	83	14	1275	76	28. X.	99
Biasca	ca 300	18	2	179	194	107	81	78	98	232	341	99	13	1442	90	8. X.	103
Braggio	1313	22	9	181	199	144	133	152	113	153	311	97	15	1529	88	8. X.	114
Misox	ca 785	22	9	172	146	113	121	93	106	145	244	125	24	1320	60	28. X.	113
Grono	335	12	4	154	178	129	101	135	97	171	275	70	14	1340	103	8. X.	98
Bellinzona	237	10	1	225	211	127	108	200	120	218	353	72	9	1654	138	8. X.	99
Sonogno	ca 910	33	8	276	211	131	116	94	156	338	507	138	19	2027	150	7. X.	114
Locarno	239	13	1	234	230	131	106	82	151	300	397	58	20	1723	80	8. X.	106
Fusio	ca 1285	49	3	224	208	127	71	92	108	301	376	118	20	1797	83	14. IX.	104
Cevio	ca 430	17	2	246	224	125	61	51	111	290	455	120	13	1715	108	28. X.	98
Mosogno	ca 790	12	3	262	244	144	69	58	103	520	570	95	1	2081	167	8. X.	96
Borgnone	ca 710	7	5	275	251	147	69	68	137	583	595	87	2	2226	212	8. X.	93
Brissago	ca 210	16	?	325	282	163	91	96	124	278	485	119	8	1987?	112	8. X.	?
Crana-Torricella . .	1010	17	6	297	287	230	119	251	203	300	465	111	14	2300	162	8. X.	114
Monte Brè	910	—	—	—	269	145	85	178	192	158	313	48	18	—	97	8. X.	—
Lugano	276	18	6	222	248	150	127	182	197	148	266	45	12	1621	77	8. X.	110
Monte Generoso . .	1610	30	26	187	299	167	95	171	124	191	227	80	15	1612	64	30. IV.	109
Ponte Tresa . . .	ca 280	13	6	291	302	148	138	183	174	191	316	66	6	1834	86	25. IV.	111

Stationen:	Höhe üb. Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr	Maxima		Zahl d. Tage
II. Adda.																	
Bernina (Lago Scala)	2230	63	36	118	214	85	74	116	123	147	115	154	42	1287	64	1. IV.	109
Cavaglia	ca 1701	45	24	143	139	73	80	119	136	143	169	154	35	1260	64	13. XI.	105
Le Prese (Poschiavo)	ca 960	20	19	122	92	63	77	117	132	129	149	94	9	1023	43	8. VII.	101
Brusio	ca 755	23	18	131	89	71	84	127	124	115	144	66	6	998	40	8. VII.	100
Vicosoprano . . .	1087	25	21	160	122	100	130	111	121	170	250	141	32	1383	72	28. X.	113
Soglio	ca 1090	33	12	147	133	108	96	78	156	154	265	165	18	1365	82	8. X.	110
D. Donaugebiet.																	
Inn.																	
St. Moritz	ca 1840	59	16	135	140	94	144	96	96	91	94	126	33	1124	45	2. IV.	122
Pontresina	ca 1805	28	8	50	78	65	83	94	96	*90	*95	98	23	808	38	8. VII.	—
Bevers	1713	38	9	81	78	60	90	91	86	88	93	105	27	846	40	8. X.	110
Süs	ca 1440	40	15	47	45	57	86	95	76	73	67	104	28	733	49	8. X.	116
Remüs	1237	39	22	54	37	87	67	99	67	47	49	114	56	738	61	16. XI.	107
Martinsbruck . . .	1040	55	13	37	42	57	59	100	64	49	39	96	50	661	41	16. XI.	103
E. Etschgebiet.																	
Sta. Maria	1410	22	3	70	85	41	82	87	91	84	68	76	13	722	44	8. X.	87

Monats- und Jahresmengen im Jahre 1913, ausgedrückt in Prozenten der Normalmengen.

Stationen	Hohe über Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr
Platta	1378	76	16	129	132	86	70	87	62	190	98	111	174	100
Bernhardin	2073	54	37	237	128	65	62	58	78	128	147	142	94	94
Splügen	1467	71	15	118	96	63	86	86	72	133	164	93	50	96
Reichenau	604	157	18	63	79	67	97	106	70	65	77	190	150	92
Chur	610	130	17	72	73	74	97	115	89	65	95	258	69	100
Davos	1560	163	29	64	89	138	120	120	91	74	94	270	120	110
Altstätten	449	182	49	91	92	89	98	126	150	83	54	204	141	111
St. Gallen	703	170	48	93	94	60	87	110	109	94	33	189	144	97
Kreuzlingen. . . .	420	173	42	120	90	49	106	110	93	89	28	172	73	92
Lohn	633	185	79	184	82	54	63	126	76	80	32	158	75	92
Basel.	277	124	87	119	76	102	71	60	101	97	60	176	104	94
Glarus	477	157	50	48	112	85	105	110	105	127	40	189	132	104
Einsiedeln	914	126	40	66	113	79	108	134	113	88	34	201	130	110
Zürich	493	165	49	101	77	55	89	100	83	99	16	145	84	86
Rigi-Kulm	1787	76	29	107	89	90	142	162	116	67	41	309	193	118
Engelberg	1018	140	35	84	107	92	100	104	80	81	27	140	150	92
Luzern	453	116	52	141	107	83	142	104	99	78	25	176	127	103
Guttannen	1055	126	49	99	115	154	151	147	87	100	64	133	199	118
Beatenberg	1148	160	45	80	100	90	108	135	80	112	22	130	147	100
Bern	572	150	60	178	111	101	55	94	71	169	42	193	83	103
Chaumont	1127	212	94	134	96	83	37	100	116	139	29	172	47	99
Neuenburg	488	218	104	156	80	79	40	100	99	170	34	172	70	103
Affoltern	795	116	40	153	77	86	74	165	75	106	34	187	99	99
Olten	400	212	58	132	114	66	60	99	77	156	40	189	133	105
Muri	483	184	53	103	59	98	92	97	98	87	23	180	114	106
Reckingen	1349	190	45	127	142	99	87	93	67	114	93	63	82	99
St. Bernhard . . .	2475	216	58	192	179	123	89	97	63	67	67	215	151	130
Sion	540	160	20	112	92	47	56	56	45	75	32	95	64	68
Clarens	376	107	67	157	80	84	70	124	53	86	37	190	109	92
Lausanne	553	138	62	265	86	96	56	132	60	70	52	200	72	102
Genf	405	174	69	263	88	85	43	96	58	120	76	182	127	108
Lugano	276	27	11	220	156	84	69	114	108	76	127	33	17	95
Bevers	1713	109	35	197	139	90	105	83	79	83	106	169	59	102

Mittlere Niederschlagsmengen der Periode 1864—1900.

Die in der folgenden Tabelle gegebenen Normalmittel der monatlichen Niederschlagsmengen sind teilweise etwas verschieden von den 1901—1905 an dieser Stelle publizierten Werten, indem sie einer Revision und definitiven Bereinigung unterzogen wurden.

Stationen	Höhe über Meer	Jan.	Febr.	März	April	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.	Jahr
Platta	1379	46	45	70	85	118	122	125	153	135	170	87	65	1221
Bernhardin	2070	94	72	155	207	233	183	198	220	256	320	202	114	2254
Splügen[1])	1471	55	39	76	111	156	153	174	172	171	177	114	66	1464
Davos[2])	1567	46	55	55	55	58	102	124	126	95	68	56	63	903
Reichenau	597	54	61	70	77	86	108	129	130	112	105	73	68	1073
Chur[3])	610	39	41	46	52	66	79	104	105	88	78	53	52	803
Altstätten	470	57	65	78	101	118	164	168	154	124	107	79	78	1293
St. Gallen	703	57	66	89	108	133	179	167	155	136	113	75	72	1350
Kreuzlingen[4])	425	41	45	51	71	86	97	96	104	88	74	50	52	855
Lohn	633	40	39	49	62	83	97	89	98	78	81	57	53	826
Basel[5])	278	37	39	52	66	82	105	88	86	78	82	62	52	829
Glarus[6])	482	67	82	84	103	106	160	202	182	127	121	87	91	1412
Einsiedeln	910	73	89	112	124	150	193	202	193	139	131	95	98	1599
Zürich	480	49	57	74	96	114	134	132	133	110	103	71	74	1147
Rigi-Kulm[7])	1787	50	59	71	117	164	241	265	242	190	124	71	72	1666
Engelberg	1021	68	75	97	121	153	216	245	240	164	154	92	89	1714
Luzern[8])	453	43	46	68	91	117	149	157	153	113	95	62	55	1149
Guttannen[9])	1070	96	105	122	134	134	146	160	170	125	149	116	109	1566
Beatenberg	1150	75	81	109	119	129	177	172	170	117	120	90	94	1453
Bern	572	44	49	60	70	84	104	102	105	83	95	67	59	922
Chaumont	1128	52	50	62	72	88	110	102	106	90	109	75	66	982
Neuenburg	488	51	52	62	70	82	101	93	98	84	103	74	68	938
Affoltern i./E.	795	61	64	83	98	118	144	125	133	102	108	75	75	1186
Olten	ca 400	51	58	65	71	91	116	110	117	88	96	74	70	1007
Muri	483	50	55	67	85	102	128	122	118	94	94	66	68	1049
Reckingen[10])	1349	79	75	77	89	97	83	81	84	85	142	111	90	1093
St. Bernhard	2475	73	73	79	105	134	110	102	115	119	149	111	88	1258
Sion	540	43	46	48	38	43	45	61	75	53	66	59	59	636
Clarens[11])	380	54	61	77	79	106	117	122	126	99	126	76	66	1109
Lausanne[12])	553	52	52	68	72	93	95	94	105	98	116	80	68	993
Genf	405	42	45	54	65	81	75	79	90	80	113	79	56	859
Lugano	275	67	55	101	159	179	185	159	183	194	209	138	72	1701
Castasegna	700	46	32	69	115	158	149	161	173	186	188	111	52	1440
Sils-Maria	1811	45	32	55	72	87	91	113	116	114	105	75	55	960
Bevers	1709	35	26	41	56	66	86	109	109	106	88	62	46	830

[1]) Splügen: Mittel der 31 Jahre (1864—1883) + (1889—1900) auf die 37-jährige Periode reduziert nach den Daten von Platta. — [2]) Davos: Mittel der 30 Jahre: (1864—1870) + 1874 + (1876—1900). — [3]) Chur: Mittel der 28 Jahre (1864—1878) + (1888—1900) auf die 37-jährige Periode reduziert nach den Daten von Reichenau. — [4]) Kreuzlingen: Mittel der 21 Jahre 1880—1900 auf die 37-jährige Periode reduziert nach Lohn. — [5]) Basel: Bei der Bildung dieser 37-jährigen Mittel wurden für die Jahre 1875—1888 nicht die beobachteten, sondern die von A. Riggenbach «reduzierten» Messungen benützt. — [6]) Glarus: 37-jährige Mittel; die Jahre 1868—1870 sind interpoliert. — [7]) Rigi-Kulm: Mittel der 20 Jahre 1881—1900. — [8]) Luzern: Mittel aus den Beobachtungen an der Station Musegg aus den Jahren 1881—1900, reduziert auf die 40-jährige Periode 1861—1900 nach den Beobachtungen im Kantonsschulgebäude. — [9]) Guttannen: Mittel der Jahre 1877—1900 reduziert auf die 37-jährige Periode nach den Daten von Beatenberg. — [10]) Reckingen: Mittel der 20 Jahre 1881—1900 reduziert auf die 37-jährige Periode nach den Daten von Sion. — [11]) Clarens: Mittel der 30 Jahre: (1864—1875) + (1883—1900). — [12]) Lausanne: Mittel der 27 Jahre 1874—1900 auf die 37-jährige Periode reduziert nach den Daten von Genf.

Die Niederschlagsbilanz des Jahres 1913. — Einzelne bemerkenswerte Niederschläge.

Die Jahresmengen des Niederschlags in unserem Lande zeigen keine gleichsinnigen Abweichungen von den Normalmengen. Nach der Tabelle auf pag. 9 (Jahresmengen einer Anzahl von Stationen, ausgedrückt in Prozenten der Normalmengen) weist der nördlichste Landesteil ein Defizit auf, das für Zürich (86%) am grössten ist. Relativ trockener noch war das Wallis (Sion 68%).

Einen Überschuss an Niederschlägen verzeichnen dagegen viele Stationen des Alpengebietes. Am grössten ist derselbe wieder auf dem Säntis; der Niederschlagsreichtum dieses Gipfels in den letzten Jahren ist eine ganz auffallende Erscheinung; das Resultat anzuzweifeln, dazu ist nach dem im letzten Jahrbuch an dieser Stelle Gesagten kein plausibler Grund vorhanden. Übrigens weisen auch in diesem Jahr die Basisstationen im Toggenburg wieder ein grosses Plus auf (Starkenbach 123%) und auch Rigi (118%) bestätigt den Niederschlagsreichtum der Voralpengipfel im Berichtsjahr. — Hervorzuheben ist noch der sehr grosse Überschuss des St. Bernhard (130%); auch Gotthard war niederschlagsreich (116%), während weiter östlich die Passtationen mehr normale Mengen zu haben scheinen. — Die Häufigkeit der Niederschläge war, abgesehen vom nördlichsten Landesteil, grösser als normal.

Einzelne bemerkenswerte Niederschläge.

Schneefälle vom 23. Januar im Alpengebiet. Einer am 22. Januar über Norddeutschland liegenden und in der Folge ostwärts abziehenden Depression folgte am 23. im Nordwesten ein neuer Ausläufer des ozeanischen Tiefdruckgebietes, der nach dem Seewarte-Wetterbericht morgens 8h mit seinem Zentrum über Schottland, abends 8h über der Nordsee und am Morgen des 24. über Jütland lag, sich aber bis Böhmen erstreckte.

Am Morgen des 23. fielen die Niederschläge auch im Mittelland bei Temperaturen um Null als Schnee; die Annäherung des neuen Depressionszentrums bedingte aber ein Auffrischen der südwestlichen Winde und Temperaturanstieg (in Basel gegen 8 Grad von 7h a bis 9h p); so gingen die Niederschläge im Laufe des Tages in Regen über. In höheren Lagen (schon in Chur z. B.) hielt jedoch der Schneefall an und wurden am Morgen des 24. recht beträchtliche Schneehöhen gemessen, in Chur z. B. 26, in Davos 43 cm. Da leider nicht von allen Stationen neben den Angaben der Schmelzwasserhöhen auch die Höhe der gefallenen Schneeschicht zu erhalten ist, so müssen wir uns auf die Mitteilung der ersteren beschränken. Die grössten Mengen fielen im oberen Wallis (Gletsch 67 $^{m}/_{m}$, Reckingen 55 $^{m}/_{m}$), am Gotthard (Hospiz 42 $^{m}/_{m}$ = 72 cm Schnee), im Bündneroberland (Panix 45 $^{m}/_{m}$), im oberen Linthtal (Auen 45 $^{m}/_{m}$), in Davos (36 $^{m}/_{m}$ = 43 cm Schnee); auch der Säntis hatte 43 $^{m}/_{m}$.

Schon am 21. und 22. Januar waren teilweise nicht unbeträchtliche Schneefälle vorausgegangen; so wurde am 24. im allgemeinen für die mittleren Höhen des Alpengebietes (bis ca. 1800 m) die maximale Höhe der Schneedecke erreicht im Winter 1912/13: Chur 31, Einsiedeln 25, Engelberg 29, La Brévine 50, Elm 91, Davos 98, Bevers 65 und Gletsch 400 (!) cm. — In Gletsch sollen vom 22.—24. Januar nicht weniger als 2 m Schnee (= 132 $^{m}/_{m}$ Schmelzwasser) gefallen sein.

Föhnniederschläge am Südhang der Alpen am 31. März. Ende März hatte der Nordhang der Alpen ein paar ungewöhnlich warme Föhntage. Den Abschluss derselben bildete der Vorübergang einer Teildepression

am 31., welche um 7^h morgens über Frankreich, um 9^h abends über Westdeutschland und am Morgen des 1. April über der deutschen Ostseeküste lag, während gleichzeitig eine neue über dem Kanal auftrat. Während der ganzen mehrtägigen Föhnperiode blieb die Südseite der Alpen niederschlagsfrei; erst am Morgen des 31. setzten (in Lugano um 8^h, auf den Passtationen Bernhardin und Gotthard um 9^h) Niederschläge ein, welche am Simplonmassiv die grössten Beträge erreichten. So wurde am Morgen des 1. April gemessen: in Simplon-Dorf 93, Binn 80 und Saas 73 $^m/_m$, auf den Tessinerstationen: Airolo 62, Cevio 72 und Borgnone 63 $^m/_m$. Auch der 1. April brachte noch grössere Tagesmengen; im Puschlav fielen erst an diesem Tage die Hauptmengen.

Kurz erwähnt seien auch die erheblichen Niederschläge einiger Tessinerstationen vom 25. April. Nachdem schon am 23. und 24. — an letzterem Tage kurze Südföhnphase, bedingt durch ein über Frankreich auftretendes Teilminimum einer nordwestlichen Depression — auf der Südseite der Alpen Niederschläge gefallen waren, verursachte am 25. eine Teildepression über dem westlichen Mittelmeer anhaltenden Regenfall, der um den Monte Tamaro die grössten Beträge erreichte: Ponte Tresa 86, Brissago 82, Crana-Toricella 68 $^m/_m$.

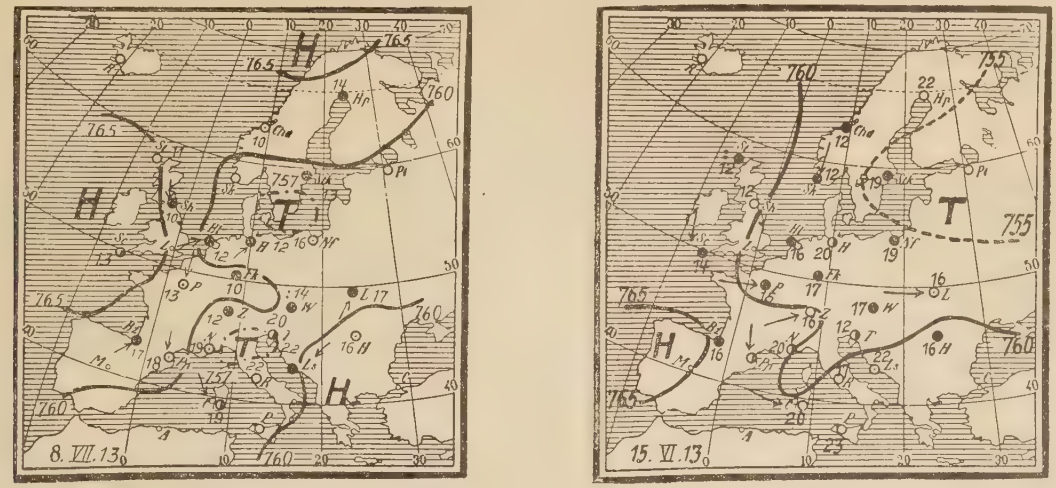
Grosse Niederschläge in der nordalpinen Randzone am 27. Juni. An diesem Tage bedeckte eine umfangreiche Depression den ganzen Osten des Kontinentes; Zentren befanden sich über der Ostsee und über dem Balkan, eine Teildepression über Deutschland; im Westen des Kontinentes lag hoher Druck.

Ein Fesselballonaufstieg in Friedrichshafen ($6^3/_4{}^h$ a) ergab bei rascher Temperaturabnahme und hoher Feuchtigkeit in den untern Schichten (es fiel zeitweise Regen) Westwind bis zu 2000 m, WNW und später NW bis zur erreichten Maximalhöhe (5090 m); über einer Inversion in ca. 4000 m war die NW drift sehr trocken (26%). Eine Pilotvisierung um 4^h p zeigte schon in 1300 m Höhe NW Wind.

Diese Rückseitensituation brachte der Nordschweiz Niederschläge, welche in der nordalpinen Randzone stellenweise recht erhebliche Mengen erreichten (vielfach die maximalen Tagesmengen des Jahres): Isental 70, Vorder-Wäggital 60, Wildhaus 65, Säntis 66 $^m/_m$. Am Nachmittag gingen sie zeitweise als Gussregen nieder, wie denn auch vielfach Gewittererscheinungen konstatiert wurden (vergl. Abh. Nr. 3, Tafel III, 4). Interessant — wenn auch aus der Wetterlage erklärlich — ist die Tatsache, dass, während in Zürich die Tagesmenge 50 $^m/_m$ betrug, in Genf gar kein Niederschlag fiel.

Eine ähnliche Situation verursachte am 8. Juli wiederum in der Ostschweiz erheblichere Niederschläge. Tiefdruckzentren einer am Vortage den ganzen Kontinent umfassenden Depression lagen am Morgen noch über der südlichen Ostsee und Oberitalien, während dazwischen über dem mittleren Deutschland eine Druckerhöhung von Westen stattfand, die auf den 9. noch andauerte. — Die Friedrichshafener Ballon- und Pilotaufstiege vom Morgen des 8. ergaben in den unteren Schichten keine ausgesprochene Luftbewegung, erst über 3000 m SW Wind, Säntis von 1—5^h mittags leichten NW, sonst W. Dagegen herrschte nach dem Fesselballonaufstieg vom Morgen des 9. in allen Niveaux durchgängig kräftiger NW (ca. 10 m p. s), wie es die Druckverteilung erwarten liess

Im Verlauf des Nachmittags (8.) wurden die vereinzelten Niederschläge nordwärts der Alpen allgemein und erreichten in der Nacht erhebliche Intensität; die maximalen Beträge (zwischen 60 und 70 $^{m}/_{m}$) wurden gemessen am Nordfuss der Säntisketten (Heiden, Urnäsch, Starkenbach, Ricken und Oberkirch).



15. Juli 1913

Erwähnenswert sind auch die Niederschläge, die in der Nacht vom 15./16. Juli über einigen bündnerischen Tälern niedergingen. Situation: Depression über Nordosteuropa, Teilminimum über Nordwestdeutschland, das sich auf den 16. verflacht, bei etwelcher Druckabnahme südwärts der Alpen. In der Ostschweiz herrschte am 15. böiges Westwetter mit zeitweisem Regen, der in der Nacht im Gebiet des Hinterrheins und der angrenzenden Täler unter Gewittererscheinungen sehr ergiebig fiel: Hinterrhein 70, Splügen 59, Vrin 78, Safienplatz 57 und Reichenau 59 $^{m}/_{m}$. Hand in Hand damit ging ein sehr starker Temperaturfall; in Splügen wurde am Morgen des 16. Null Grad beobachtet und der Regen ging hier, wie übrigens in allen bündnerischen Hochtälern in Schnee über. — Auch im Tessin gingen am Morgen des 16. Gewitter nieder, welche in Bellinzona die grösste Niederschlagsmenge (80 $^{m}/_{m}$) ergaben.

Niederschläge vom 14. September im Tessin und am untern Genfersee. An diesem Tage lag ein barometrisches Minimum über den britischen Inseln mit Teilminimum über dem Golf von Lion und dem westlichen Mittelmeer. Die dadurch bedingte südöstliche Luftströmung (M^{te} Generoso, St. Gotthard!) verursachte am Südfusse der Alpen starke Niederschläge, welche im Gebiete der Maggia und ihrer Zuflüsse wieder besonders grosse Beträge erreichten: Fusio 83, Cevio 102, Mosogno 166 und Borgnone 196 $^{m}/_{m}$; aber auch im Livinental fielen grosse Mengen: Faido 96 und Airolo 71 $^{m}/_{m}$. Merkwürdig klein sind dagegen in diesem Falle die an den Seen selbst gemessenen Beträge: Locarno 28 und Lugano 10 $^{m}/_{m}$.

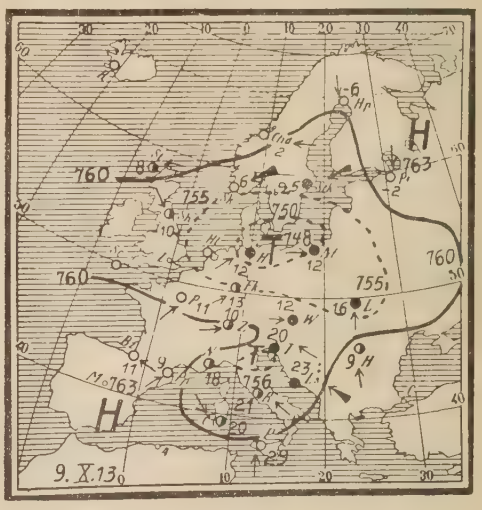
Am Nachmittag des 14. fiel auch am untern Genfersee starker Regen, welcher für Genf den grössten Tagesbetrag (57 $^{m}/_{m}$) in diesem Jahre ergab. Der ganze Nordfuss der Alpen hatte am Nachmittag dieses Tages von Gewittern begleitete Niederschläge (verg. Abh. Nr. 3, Tafel VI, 6).

Gewitterregen und Überschwemmungen im Tessin vom 8./9. Oktober. Schon am 7. Oktober waren in den innern Tessinertälern grosse Regenmengen gefallen, da ein tiefes vor dem Kanal liegendes Barometerminimum eine Südföhnphase bedingte: Airolo 79, Faido 55, Cevio 59 und Borgnone 93 $^{m}/_{m}$.[1])

Ein am Morgen des 8. über dem Golf von Lion liegendes Teilminimum der Hauptdepression verpflanzte sich im Laufe des Tages ostwärts nach dem Nordende der Adria; während noch am Mittag des 8. über den Alpen ein nach Norden gerichteter barometrischer Gradient bestand, bildete sich am Nachmittage ein nach Süden gerichteter aus und es setzte dementsprechend auf dem Gotthard Nordwind ein; der M^{te} Generoso hatte schon den ganzen Tag starken NE. Die untertags fallenden Niederschläge scheinen nicht bedeutend gewesen zu sein, dagegen gingen nun am Abend (in Locarno von 6^{30}, in Lugano von 7^{30} an) wahre Regengüsse mit Blitz und Donner nieder, die bis gegen 3^{h} morgens anhielten, worauf rasche Aufheiterung folgte. Diese schritt entsprechend der leichten Nordföhnlage vom Alpenkamm gegen das untere Tessin vor (Airolo seit 12^{h} nachts hell, Braggio Ende des Regens 2^{h} a, Lugano $3\,^{1}/_{2}\,^{h}$ a).

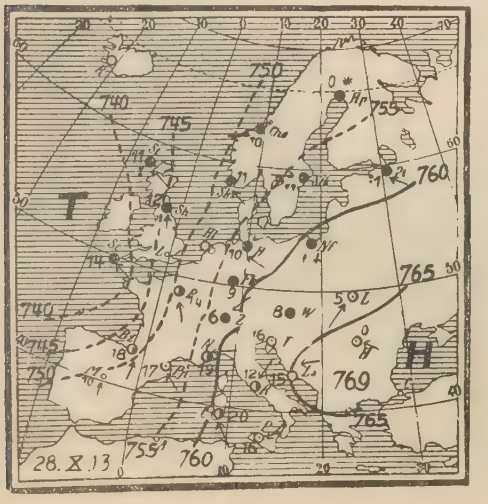
[1]) Dagegen dürfte der in Sonogno vom 7. gemeldete Tagesbetrag von 150 $^{m}/_{m}$ dem 8. zuzuschreiben und dafür die für den 8. notierte Menge von 45 $^{m}/_{m}$ zu setzen sein.

Die innerhalb weniger (durchschnittlich 6—7) Stunden gefallenen Niederschläge erreichten ganz enorme Mengen: Airolo 71, Biasca 90, Bellinzona 138, Locarno 80, Brissago 112, Cevio 103, Mosogno 167, Borgnone 212 und Crana Toricelle 162 mm; auch im Bergell wurden noch 82 mm (Soglio) gemessen. In diesen Beträgen sind allerdings auch die am 8. untertags gefallenen geringen Mengen, die im Maggiatal vielleicht etwas erheblicher waren (am Morgen dieses Tages war die Südföhnphase noch nicht abgelaufen!). Es muss hier die allgemeine Bemerkung eingeschalten werden, dass die meist überaus dürftigen oder vielfach ganz fehlenden Witterungsnotizen der Regenmesstationen selten erlauben, sich eine zutreffende Vorstellung vom Verlaufe des Wetters zu machen; namentlich vermisst werden Angaben über Beginn und Aufhören der Niederschläge.



Über ein im Gefolge dieses Unwetters auftretendes Eisenbahnunglück meldete eine offizielle Mitteilung: „Der infolge wolkenbruchartiger Gewitterregen stark angeschwollene Tessinfluss hat in der Nacht vom 8./9. Oktober den rechtsseitigen Leitdamm oberhalb der Eisenbahnbrücke der Linie Bellinzona—Locarno durchbrochen. In der Folge wurde der Eisenbahndamm zwischen den Stationen Cadenazzo und Reazzino an drei Stellen auf eine gesamte Länge von ca. 300 Meter weggerissen. Bei der zweiten Unterbruchstelle ist um 4 1/4 h morgens der Frühzug Bellinzona—Locarno entgleist; die Lokomotive und ein Postwagen fielen ins Wasser . . .“ Glücklicherweise beschränkte sich der Verlust an Menschenleben auf zwei Personen. — Das Unwetter forderte auch noch andere Opfer; so wurden zwei Arbeiter der Centovallibahn durch einen Erdrutsch verschüttet. —

Erwähnt muss noch werden, dass am 8. Oktober auch die inneren Alpentäler starke Niederschläge hatten: Andermatt 61, Splügen 85, Platta 61, Avers-Cresta 66, Stalla 55, St. Antönien 52, Süs 49 mm.



Föhnniederschläge am Südhang der Alpen vom 28. und 29. Oktober. Als typische Niederschläge des Kondensationsstadiums einer Südföhnperiode stellen sich die Niederschläge zu Ende Oktober dar. Seit den frühen Morgenstunden des 26. ging in den Tälern des Alpennordhanges stürmischer Föhn, verursacht durch eine umfangreiche und tiefe Depression im Nordwesten und Westen bei hohem Druck im Osten des Kontinentes (interessant ist der beinahe vollständige Nord-Südverlauf der Isobaren am 28!) — Vom Abend des 26. an setzten auf der Alpensüdseite Niederschläge ein, die dann am 28. und 29. sehr intensiv wurden: die Tagessummen vom 28. betrugen beispielsweise für Airolo 96, Locarno 77, Cevio 108, Mosogno 146, Borgnone 117, Crana-Toricella 97, Ponte Tresa 81 und Vicosoprano 72 mm. Aber auch auf die inneren Alpentäler unmittelbar nördlich des Zentralkammes griffen — wie bei dieser Situation üblich — die Regenfluten über: Hinterrhein 100, Saas-Fee 81 mm.

Auch der 29. brachte noch ziemlich grosse Regenmengen.

Die Niederschläge vom 12. November gingen zwar auch im Gefolge einer Südföhnperiode nieder, zeigen aber ganz merkwürdige Abnormitäten vom Föhntypus. Der Föhn erlosch nämlich schon am Nachmittag des 11.; an diesem Tage fielen aber im Tessin verhältnismässig nur kleinere Mengen. Dagegen gingen am 12.,

an welchem Tag immer noch ein ziemlich erheblicher Südnordgradient über die Alpen bestand, im Livinental, im Rheinwald und auch im Bergell grosse Mengen nieder: Gotthard 94, Airolo 79, Faido 100, Bernhardin 116, Hinterrhein 108, Soglio 80 mm. Im Rheinwaldtale griff also auch diesmal der Niederschlag wieder auf die Nordseite des Zentralkammes über; dagegen blieben diesmal die Niederschlagsmengen im oberen Wallis, im Urseren- und auch noch im oberen Rheintal minim.

Der Föhntypus dieser Niederschläge kommt auch zum Ausdruck in den grossen Mengen, welche am 12. im ganzen Jura fielen, wo Tagessummen über 60 mm vorkamen (Waldenburg 61, Malvilliers 61, Cernier 61 mm). Aber auch im ganzen westschweizerischen Mittelland waren die Beträge nicht viel kleiner (Bern 44, Freiburg 53, Lausanne 50 mm), wohl aber in der Zentral- und Nordostschweiz.

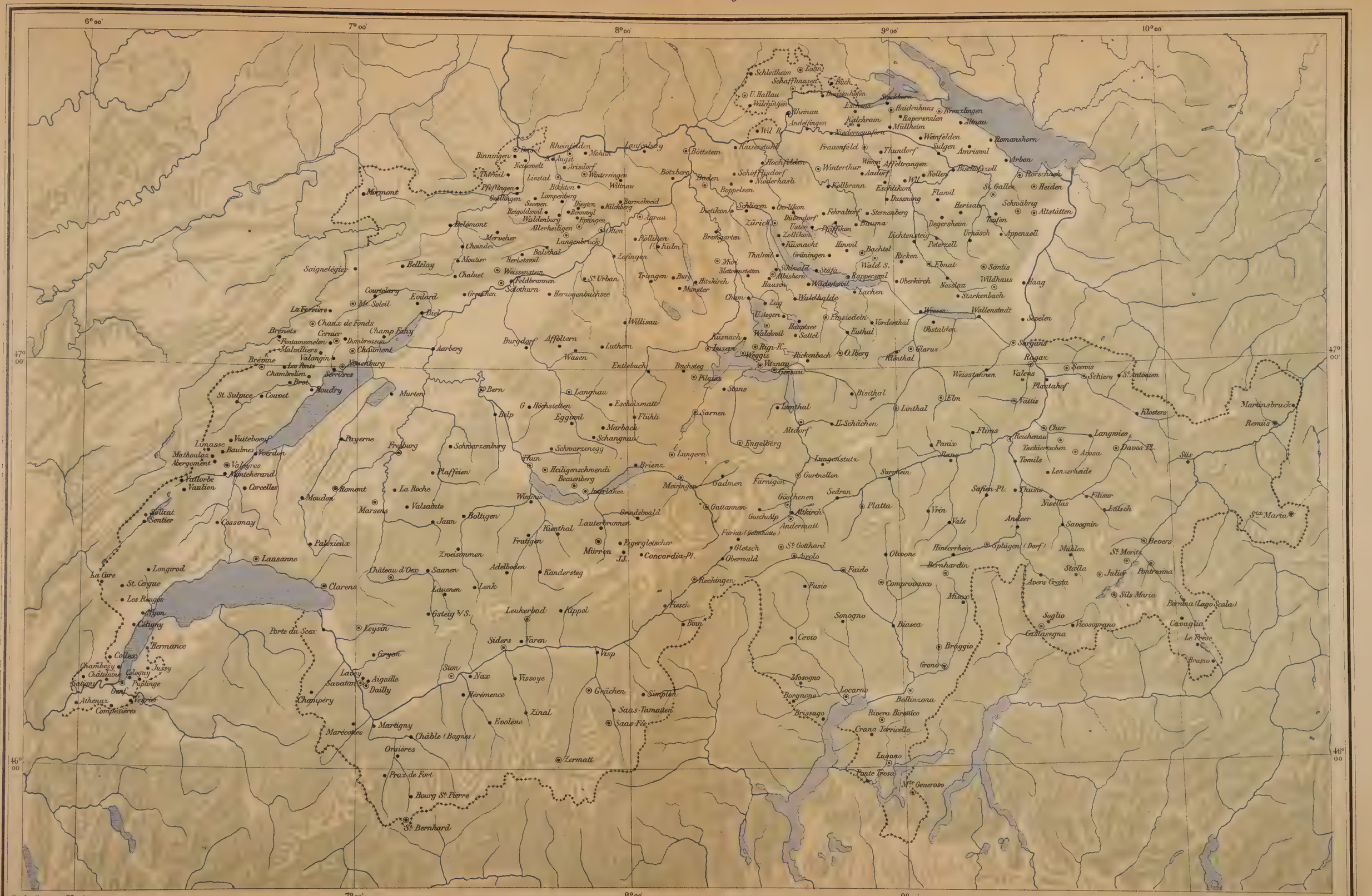
Interessanterweise ergab ein Pilotaufstieg in Friedrichshafen am Nachmittag des 12. bis zur Höhe von 1200 m leichten Nordostwind, während darüber die auch von den Bergstationen nachgewiesene südliche Luftströmung anhielt entsprechend dem barometrischen Gradienten, der erst bis zum Morgen des 13. verschwand, als über der Poebene eine lokale Teildepression lag.

Einer ganzen Anzahl von Stationen im bündnerischen Rheintal, im Walenseegebiet und im oberen Toggenburg brachte der 16. November die grössten Tagesmengen im Berichtsjahr. An diesem Tage lag ein Teilminimum einer nördlichen Depression über der Nordsee und zog im Laufe des Tages unter Verflachung ostwärts, während der im Südwesten des Kontinentes liegende Hochdruckkeil vorstiess. Die starken barometrischen Gradienten bedingten in unserem Lande heftige südwestliche Winde, die nach einer Pilotierung in Friedrichshafen um 10^h a schon in 1000 m Höhe über 20 m p. s erreichten. Abgesehen von der Westschweiz fielen am Nordhang der Alpen erhebliche Niederschläge, welche in den oben genannten Gebieten ihr Maximum erreichten: Panix 50, Plantahof (Landquart) 66, Klosters 56, Valens 60, Starkenbach 70, Säntis 77, Ricken 74, Walenstadt 55, Auen (Linthtal) 56 und Bisistal 68 mm.

Dr. R. Billwiller.

Meteorologische & Regenmess-Stationen der Schweiz im Jahre 1913.

⊙ Meteorologische Stationen • Regenmess-Stationen.


6° 00'
7° 00'
8° 00'
9° 00'
10° 00'
47° 00'
46° 00'
Schleitheim
Schaffhausen
Büch
U. Hallau
Wilchingen
Rheinau
Andelfingen
Wil B.
Niederneunforn
Kaiserstuhl
Frauenfeld
Thundorf
Weinfelden
Romanshorn
Sulgen
Amriswil
Arbon
Rorschach
Heiden
Bischofszell
Nollen
Wil
Eschlikon
Flawil
St. Gallen
Schwäbrig
Altstätten
Herisau
Teufen
Urnäsch
Appenzell
Degersheim
Bauma
Sternenberg
Fehraltorf
Pfäffikon
Uster
Zollikon
Küsnacht
Hinwil
Bachtel
Ricken
Ebnat
Säntis
Wildhaus
Starkenbach
Nesslau
Oberkirch
Wädenswil
Rappersw.
Wald S.
Stäfa
Schwald
Altnohorn
Hausen
Thalwil
Grüningen
Meilen
Mettmenstetten
Affoltern
Bonstetten
Hedingen
Zürich
Dietikon
Schlieren
Oberlikon
Bülach
Dielsdorf
Niederhasli
Kloten
Schöfflisdorf
Winterthur
Wiesendangen
Aadorf
Affeltrangen
Hochfelden
Boppelsen
Kollbrunn
Dussnang
Nollen
Bischofszell
Rorschach
Heiden
Arbon
Romanshorn
Weinfelden
Sulgen
Amriswil
Frauenfeld
Thundorf
Kaiserstuhl
Böttstein
Laufenburg
Rheinfelden
Basel
Binningen
Neuewelt
Muttenz
Arisdorf
Mohlin
Aujst
Liestal
Wintersingen
Wiltnau
Böckten
Bötzberg
Brugg
Windisch
Lupfig
Habsburg
Birrfeld
Lenzburg
Othmarsingen
Hendschiken
Wohlen
Villmergen
Muri
Meienberg
Boswil
Bremgarten
Mellingen
Baden
Ennetbaden
Wettingen
Dättwil
Obersiggenthal
Würenlingen
Endingen
Lengnau
Zurzach
Kaiserstuhl
Rekingen
Full
Koblenz
Leuggern
Döttingen
Klingnau
Tegerfelden
Bad Schinznach
Effingen
Elfingen
Veltheim
Brugg
Windisch
Lupfig
Habsburg
Birrfeld
Lenzburg
Othmarsingen
Hendschiken
Wohlen
Villmergen
Muri
Meienberg
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Ennetbaden
Wettingen
Dättwil
Obersiggenthal
Würenlingen
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Lengnau
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Kaiserstuhl
Rekingen
Full
Koblenz
Leuggern
Döttingen
Klingnau
Tegerfelden
Bad Schinznach
Effingen
Elfingen
Veltheim
Aarau
Rohr
Suhr
Buchs
Gränichen
Erlinsbach
Aarburg
Oftringen
Strengelbach
Zofingen
Rothrist
Murgenthal
Roggwil
Wynau
Langenthal
Herzogenbuchsee
Inkwil
Oberbipp
Niederbipp
Wangen a/A.
Aarwangen
Bleienbach
Huttwil
Eriswil
Schwarzenbach
Wasen
Sumiswald
Grünen
Trubschachen
Rüderswil
Lützelflüh
Affoltern
Burgdorf
Hasle
Rüegsau
Langnau
Signau
Eggiwil
Trubschachen
Rüderswil
Lützelflüh
Trachselwald
Sumiswald
Grünen
Wasen
Luthern
Willisau
Ettiswil
Wolhusen
Entlebuch
Schüpfheim
Flühli
Escholzmatt
Marbach
Schangnau
Langnau
Eggiwil
Belp
Gümligen
Höchstetten
Langhau
Bern
Muri
Kirchlindach
Schwarzenburg
Guggisberg
Riggisberg
Seftigen
Thun
Heiligenschwendi
Beatenberg
Brienz
Meiringen
Gadmen
Innertkirchen
Lungern
Sarnen
Giswil
Kerns
Stans
Buochs
Ennetbürgen
Hergiswil
Alpnach
Sarnen
Giswil
Kerns
Stans
Buochs
Ennetbürgen
Hergiswil
Alpnach
Sachseln
Lungern
Engelberg
Wolfenschiessen
Grafenort
Engelberg
Gadmen
Innertkirchen
Meiringen
Brienz
Interlaken
Wimmis
Spiez
Reichenbach
Frutigen
Kandersteg
Adelboden
Lenk
Zweisimmen
Gstaad
Saanen
Château d'Oex
Rougemont
La Roche
Marsens
Valsainte
Jaun
Boltigen
Lauterbrunnen
Grindelwald
Kienthal
Eigergletscher
Mürren
Jungfrau
Concordia-Pl.
Grimsel
Guttannen
Göschenen
Andermatt
Gurtnellen
Farnigen
Wassen
Sedrun
Disentis
Tavetsch
Surrhein
Platta
Vrin
Vals
Safien-Pl.
Thusis
Tomils
Lenzerheide
Tschiertschen
Arosa
Davos Pl.
Klosters
Süs
Remüs
Martinsbruck
Ardez
Ramosch
Tschlin
Strada
Schuls
Tarasp
Fetan
Zernez
Susch
Lavin
Guarda
Ardez
Ramosch
Tschlin
Strada
Schuls
Tarasp
Fetan
Zernez
Susch
Lavin
Guarda
Scanfs
Samaden
Bevers
Sils Maria
Silvaplana
Pontresina
Celerina
Bernina (Lago Scala)
Cavaglia
Le Prese
Brusio
Poschiavo
Tirano
Sondrio
Chiavenna
Splügen (Dorf)
Hinterrhein
Mühlen
St. Moritz
Stalla
Julier
Bernhardin
Misox
Soglio
Castasegna
Vicosoprano
Avers Cresta
Andeer
Savognin
Filisur
Lalsch
Ste Marie
Nisellas
Safien-Pl.
Thusis
Tomils
Lenzerheide
Tschiertschen
Arosa
Davos Pl.
Klosters
Süs
Remüs
Martinsbruck
Flims
Reichenau
Chur
Langwies
Panix
Ilanz
Surrhein
Platta
Vrin
Vals
Andeer
Savognin
Filisur
Lalsch
Ste Marie
Sedrun
Disentis
Tavetsch
Oberwald
Airolo
Faido
Giornico
Biasca
Bellinzona
Arbedo
Castione
Gnosca
Claro
Giubiasco
Cadenazzo
Monte Ceneri
Rivera Bironico
Camorino
Sementina
Gudo
Cugnasco
Gordola
Locarno
Ascona
Brissago
Tenero
Contra
Losone
Orselina
Mergoscia
Intragna
Centovalli
Ponte Tresa
Lugano
Melide
Mendrisio
Chiasso
Balerna
Stabio
Arogno
Riva S. Vitale
Capolago
Bissone
Maroggia
Rancate
Novazzano
Vacallo
Monte Generoso
Fusio
Prato
Sonogno
Cevio
Bignasco
Peccia
Fusio
Prato
Sonogno
Cevio
Bignasco
Peccia
Airolo
Faido
Giornico
Biasca
Bellinzona
Arbedo
Castione
Gnosca
Claro
Giubiasco
Cadenazzo
Monte Ceneri
Rivera Bironico
Camorino
Sementina
Gudo
Cugnasco
Gordola
Locarno
Ascona
Brissago
Tenero
Contra
Losone
Orselina
Mergoscia
Intragna
Centovalli
Ponte Tresa
Lugano
Melide
Mendrisio
Chiasso
Balerna
Stabio
Arogno
Riva S. Vitale
Capolago
Bissone
Maroggia
Rancate
Novazzano
Vacallo
Monte Generoso
Olivone
Campo (Blenio)
Dongio
Acquarossa
Biasca
Osogna
Cresciano
Giornico
Personico
Lodrino
Claro
Giubiasco
Cadenazzo
Monte Ceneri

Nr. 3.

Gewitterbeobachtungen im Jahre 1913.

(Mit 6 Tafeln.)

Die Gewitterbeobachtungen wurden in gewohnter Weise fortgesetzt. Die Anzahl der eingegangenen Rapportkarten (im Berichtsjahre von 28 meteorologischen, 29 Regenmessungs- und 6 speziellen Gewittermeldestationen) ist nur bei achtunddreissig derselben eine nennenswerte. Dagegen zeichnen nicht wenige Beobachter sich durch fleissige Notierungen in die Tabellen aus, während andere, worunter auch solche meteorologischer Stationen, hievon Umgang nehmen. Zur Vervollständigung des aus den Gewitterkarten und den Tabellen gewonnenen Materials ist, wie früher, das Verzeichnis der von Hagel betroffenen Gemeinden, sowie eine Anzahl zuverlässiger Zeitungsberichte benutzt worden; ausserdem fanden, wie bisher, auch die uns in verdankenswerter Weise zur Verfügung gestellten Notizen der Schwarzwaldstation Höchenschwand ihre Verwertung. Das nachstehende Verzeichnis gibt, alphabetisch nach Kantonen und nach dem Wohnsitz geordnet, die Namen derjenigen HH. Beobachter, welche durch Einsendung von entsprechend ausgefüllten Gewitterkarten, eventuell auch durch briefliche Mitteilung über eine grössere Anzahl von Gewittern speziell berichtet oder die betreffenden Aufzeichnungen in den Monatstabellen durch genaue Zeitangaben verwertbar gemacht haben.

1. Kanton Aargau.

Aarau — H. Amsler, Werkführer.
Kölliken — J. Haller, Pfarrer.
Möhlin — A. Kramis, Pfarrer.
Muri — A. Müller, Bezirkslehrer.
Rheinfelden — Frau A. Hoffmann.
Zofingen — G. Brack, Lehrer.
Zurzach — J. Eichenberger, Lehrer.

2. Kanton Appenzell.

Appenzell — Bertha Lehner.
Heiden — J. J. Niederer, Lehrer.
Säntis — J. Bommer.
Teufen — J. Tanner, Lehrer.

3. Kanton Basel.

Arisdorf — A. Kunz-Flury, Landwirt.
Basel — Walter Mörikofer, Assistent.
Kilchberg — E. Buss, Landwirt.
Lampenberg — Emil Vögelin.
Langenbruck — Traugott Bieder, Sigrist.
Liestal — H. Pfaff, Aufseher.
Pfeffingen — Matthias Tschudy, Lehrer.
Reigoldswil — H. Plattner, Sigrist.
Therwil — Adolf Steblin, Bezirkslehrer.
Wintersingen — W. Bührer, Pfarrer.

4. Kanton Bern.

Beatenberg — H. Bay, Pfarrer.
Bellelay — César Winkelmann, Portier.
Bern — Tellur. Observatorium.
Biel — Ed. Wartmann, Apotheker.
Büren z. Hof — Chr. Bühlmann, Notar.
Champ-Fahy-sur-Neuveville — Louis Grosjean, instituteur.
Eigergletscher — E. Feuz.
La Ferrière — J. L. Herzog, pasteur.
Grosshöchstetten — E. Borel-Wanzenried, Lehrerin.
Gsteig b. Saanen — W. Häberli, Pfarrer.
Guttannen — Kath. Fischer, Gemeindeschreiber's.
Heiligenschwendi — Sanatorium.
Herzogenbuchsee — Bertha Moser, Part., J. Kaufmann, Lehrer.
Langnau — J. U. Zbinden, Sekundarlehrer.
Lauterbrunnen — Fr. Gammeter, Sekundarlehrer.
Lyss — Fritz Bürgi, Coiffeur.
Mervelier — Clément Marquis.
Moutier — Ad. Fürst, concierge.
Wasen — Hirschi, Fabrikant.

5. Kanton Freiburg.

Freiburg — Dr. A. Gockel.
Marsens — Amédée Charrière, concierge.
Murten — Sam. Müller, Gutsverwalter.

6. Kanton St. Gallen.

Altstätten — Johannes Haltner, Lehrer.
Degersheim — Jakob Roth.
St. Gallen — J. G. Kessler, Bankbeamter.
Hof Oberkirch (Kaltbrunn) — Noll-Tobler, Lehrer.
Wildhaus — J. Nef, Landwirt.

7. Kanton Genf.

Genf — Observatorium.

8. Kanton Glarus.

Auen-Linthal — Lorenz Curt, Lehrer.
Elm — J. Weiss, Lehrer.
Glarus — J. Gehring, Waisenvater.
Klöntalersee — Heinrich Büchi, Aufseher.
Obstalden — Peter Felix, Pfarrer.

9. Kanton Graubünden.

Arosa — Zimmermann, Sanatorium.
Bernhardin — Stoffel-Bellig.
Bevers — J. Camenisch, Lehrer.
Braggio — C. Berera, Förster.
Davos-Platz — Otto Mauer (Kurverein Davos).
Platta-Medels — Ths. J. Berther, Pfarrer.
Splügen — Frau M. Lorez.
Sta Maria — Simeon Tuffli, Zolleinnehmer.

10. Kanton Luzern.

Luthern — J. Suppiger.
Luzern — Nina Arnet, Lehrerin.
Pilatus — E. Hug.
Triengen — C. Fischer, Ger.-Schreiber.
St. Urban — J. Schwyzer, Portier.
Vitznau — E. Bärri, Arzt.
Weggis — Johannes Naef, Arzt.

11. Kanton Neuenburg.

Belmont s. Boudry — Bertrand Grandjean.
Les Brenets — R. Ducommun.
La Brévine — J. Matthey de l'Etang, part.
Cernier — E. Guinand.
Chaumont — Edith Houriet, institutrice.
La Chaux-de-Fonds — Léon Leuba, dessinateur.
Dombresson — Paul Favre, directeur.
Neuenburg — Observatorium.
Les Ponts — Armand Erb, horloger.

12. Kanton Schaffhausen.

Lohn — Hanna Brühlmann, Posthalterin.
Schaffhausen — G. Meyer, Lehrer.
Schleitheim — J. G. Neck, Reallehrer.
Stein — H. Bächtold, Reallehrer.
Unter-Hallau — S. Brühlmann.
Wilchingen — John Gysel, Oberlehrer.

13. Kanton Schwyz.

Einsiedeln — P. Moritz Egger.
Gersau — A. Müller.
Küsnach — Oscar Trutmann.
Lachen — Hug, Drogist.
Rickenbach b. Schwyz — P. Diebolder, Sem.-Direktor.

14. Kanton Solothurn.

Allerheiligen — Dr. med. Dietschy, Soloth. Heilstätte.
Balsthal — E. Heutschi, Lehrer.
Solothurn — Robert Glutz-Graff, Kreisoberförster.

15. Kanton Tessin.

Bellinzona — Alfred Lienhard, Postbeamter.
Crana-Torricella — P. Patrocchi, guardiano.
Locarno — Giuseppe Mariani, Schulinspektor.
Lugano — Gino Malatesta, Professor.

16. Kanton Thurgau.

Aadorf — Johann Nater, Lehrer.
Diessenhofen — J. G. Mäder, alt Sek.-Lehrer.
Frauenfeld — Dr. Hess, Professor.
Haidenhaus b. Steckborn — C. Herzog, Staatsförster.
Steckborn — C. Pischl-Hartmann.
Weinfelden — Jul. Keller, Sek.-Lehrer.

17. Kanton Unterwalden.

Engelberg — Pater Nicol. Kaeser.
Lungern — J. Renggli, Arzt.
Sarnen — H. Felderer, Professor.

18. Kanton Uri.

Altdorf — Heinrika Nager.
Isenthal — Ferdinand Aschwanden, Schreiner.

19. Kanton Waadt.

Baulmes — A. Grin.
Clarens — C. Bührer, pharmacien.
Cossonay — Paul Huber, maître secondaire.
Lausanne — D. Valet, concierge au Champ de l'air.
Montcherand — M. Moreillon, inspecteur-forestier.
Nyon — Poste de police.
Payerne — Paul Cruchet, maître de sciences naturelles.
Les Rouges s. Chéserex — Bignens, forestier cantonal.
Le Solliat — Mme. Sam. Aubert.

20. Kanton Wallis.

Les Mayens de Sion — Ed. Béguelin.
Sierre — François de Courten, curé.

21. Kanton Zürich.

Mettmenstetten — R. Ganz, Lehrer.
Rheinau — Pflegeanstalt.
Uster — H. Weber-Schellenberg, Industrieller.
Wädenswil-Dorf — H. Baumann, Lehrer.
Wädenswil-Weinbauschule — Dr. Hofer, Lehrer für Naturk.
Waldhalde b. Schönenberg — H. Aeberli, Maschinenmeister.
Hinwil — Ed. Benz, Lehrer.
Winterthur — Fr. Krebs, Professor.
Wil (Rafz) — D. Angst, Friedensrichter.
Zollikon — J. Fausch, Verwalter der Schweiz. Anstalt für Epileptische b. Zollikon.
Zürich — Meteorolog. Zentralanstalt.

22. Kanton Zug.

Walchwil — F. Ziegler.

Die Summe der zur Verfügung gestandenen Notizen, nämlich 5355, wovon 4655 aus den Tabellen der meteorologischen und Regenmess-Stationen ausgezogen, 647 den Gewitterrapportkarten und brieflichen Mitteilungen entnommen und die übrigen aus Zeitungen gewonnen sind, verteilt sich auf die 144 Tage mit Gewittererscheinungen wie folgt:

Jan.	22.	2	April	26.	1	Mai	28.	75	Juli	1.	1	Juli	28.	86	August	29.	136	Sept.	28.	1
„	31.	5	„	27.	116	„	30.	71	„	2.	3	„	30.	134	„	29./30.	68	„	29.	1
			„	28.	48	„	31.	128	„	3.	4	„	31.	11	„	30.	158			
Febr.	2.	4	„	29.	63				„	4.	1				„	31.	12	Oktober	1.	1
„	6.	1	„	30.	68	Juni	2.	21	„	5.	2	August	1.	2				„	2.	17
„	8.	1				„	3.	39	„	6.	4	„	2.	12	Sept.	1.	229	„	3.	14
			Mai	1.	3	„	4.	30	„	7.	6	„	3.	13	„	2.	30	„	5.	5
			„	3.	1	„	5.	71	„	8.	22	„	4.	34	„	4.	138	„	6.	1
März	17.	1	„	4.	20	„	6.	14	„	9.	2	„	5.	119	„	4./5.	18	„	8.	6
„	18.	1	„	8.	3	„	11.	12	„	10.	1	„	5./6.	74	„	5.	30	„	8./9.	9
„	21.	1	„	9.	32	„	15.	30	„	11.	10	„	6.	68	„	6.	1	„	11.	1
„	26.	8	„	10.	161	„	16.	39	„	12.	1	„	7.	6	„	7.	25	„	26.	2
„	31.	1	„	11.	6	„	17.	104	„	14.	120	„	9.	5	„	8.	19	„	27.	1
			„	16.	41	„	18.	146	„	14./15.	90	„	10.	10	„	9.	119	„	28.	5
April	5.	4	„	17.	83	„	19.	87	„	15.	2	„	13.	24	„	10.	93	„	29.	14
„	6.	22	„	18.	6	„	20.	3	„	16.	22	„	15.	16	„	13.	2			
„	7.	5	„	19.	2	„	21.	16	„	19.	1	„	18.	64	„	14.	127			
„	12.	1	„	22.	26	„	22.	1	„	20.	4	„	19.	145	„	15.	7	Nov.	11.	7
„	17.	1	„	23.	1	„	24.	133	„	22.	211	„	20.	55	„	16.	3	„	12./13.	30
„	18.	3	„	24.	1	„	25.	15	„	23.	10	„	24.	89	„	17.	1	„	13.	5
„	22.	13	„	26.	33	„	26.	1	„	24.	1	„	25.	96	„	18.	1			
„	24.	63	„	27.	153	„	27.	68	„	26.	96	„	27.	16	„	20.	6	Dez.	24.	1
„	25.	1	„	27./28.	34	„	28.	18	„	27.	150	„	28.	1	„	21.	2	„	28.	3

so dass auf die einzelnen Monate folgende Summen entfallen: Januar 7, Februar 6, März 12, April 409, Mai 880, Juni 848, Juli 995, August 1223, September 853, Oktober 76, November 42, Dezember 4.

Die zu unserer Kenntnis gelangten Hagelschläge sind, abgesehen von den ganz vereinzelten, in der folgenden Tabelle zusammengestellt, welche für jeden Tag die Anzahl der in den einzelnen Kantonen betroffenen Gemeinden gibt.

	Mai							Juni									Juli					August										September			Total
Kantone	*10.*	*16.*	*17.*	*26.*	*27.*	*30.*	*31.*	*3.*	*4.*	*5.*	*16.*	*17.*	*18.*	*19.*	*24.*	*27.*	*14.*	*14./15.*	*22.*	*26.*	*27.*	*28.*	*30.*	*5.*	*6.*	*9.*	*24.*	*25.*	*29.*	*29./30.*	*30.*	*1.*	*4.*	*9.*	*14.*	
Aargau	6	.	8	.	.	.	1	.	.	.	.	.	1	3	.	4	2	.	.	1	.	.	1	5	.	.	.	.	.	.	.	7	.	.	3	42
Appenzell	.	.	.	.	.	.	.	.	5	.	.	.	1	.	1	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	4	.	.	.	13
Basel	2	3	3	.	.	.	9	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	22
Bern	15	.	7	2	3	.	49	10	1	8	7	18	5	2	2	.	.	.	7	5	23	.	.	.	1	3	2	3	2	3	.	41	9	3	37	268
Freiburg	1	.	1	.	.	.	1	4	.	.	8	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	2	.	1	4	28
St. Gallen	.	.	9	.	1	3	.	.	.	4	.	.	2	.	1	3	.	.	1	.	.	.	.	1	.	.	.	.	.	.	1	.	.	2	.	28
Genf	.	2	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	3	6	.	.	.	.	1	8	.	.	.	.	.	27
Glarus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
Graubünden	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	3	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
Luzern	5	.	11	2	.	.	5	.	.	2	.	2	1	6	4	1	.	9	15	.	4	8	.	1	1	.	4	.	.	.	20	.	.	27	128
Neuenburg	.	.	.	1	2	.	7	.	1	.	.	.	.	.	.	.	.	.	1	.	.	.	10	.	.	5	1	.	21	.	.	6	.	2	.	57
Schaffhausen	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
Schwyz	.	.	.	.	1	2	.	.	.	.	.	.	.	.	2	4	.	.	4	.	2	.	.	.	.	.	.	2	.	.	.	1	.	.	.	27
Solothurn	2	.	2	.	.	.	13	.	.	.	.	.	.	.	.	.	.	.	.	.	4	3	.	.	.	.	2	.	.	.	1	.	.	.	.	27
Tessin	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	4	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	7
Thurgau	.	.	8	.	.	.	.	.	.	3	.	.	1	2	1	5	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	.	.	.	22
Unterwalden	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	1	.	3
Uri	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Waadt	.	.	.	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	12	1	11	.	15	1	1	.	.	.	.	.	4	4	2	1	.	55
Wallis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	—
Zürich	.	.	8	.	.	.	.	2	.	4	.	.	1	.	2	.	.	1	.	.	3	.	.	.	3	.	.	.	.	.	5	.	.	12	41
Zug	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	8	11
Total	31	5	57	5	11	5	85	16	8	21	19	25	11	12	16	14	4	13	53	7	54	11	29	10	12	8	8	9	25	11	6	93	11	10	91	806

Die Zahl der Tage mit erheblichem Hagelschlag (die Nacht vom 14./15., teils zum 14., teils für den 15. gezählt, und diejenige vom 29./30. im 30. inbegriffen) beträgt 34, die Summe der betroffenen Gemeinden 806, welche sich auf 281 Bezirke*) verteilen. Ferner wurde Hagel konstatiert in drei Gemeinden des Kantons Neuenburg und je einer der Kantone Appenzell und St. Gallen am 19. August, in drei Gemeinden des Kantons Schwyz und einer des Kantons Schaffhausen am 28. Juni, in zwei Gemeinden des Kantons Appenzell und je einer der Kantone Schwyz und Zürich am 22. Mai, in zwei Gemeinden des Kantons Zürich und je einer der Kantone Bern, Thurgau und Unterwalden am 28. Mai, in zwei Gemeinden des Kantons Basel und je einer der Kantone Aargau, Waadt und Zürich am 10. August, in zwei Gemeinden des Kantons Luzern und einer des Kantons Zürich am 6. Juni, in zwei Gemeinden des Kantons Bern und einer des Kantons Waadt am 8. Juli, in zwei Gemeinden des Kantons Waadt und einer des Kantons Genf am 8. September, in zwei Gemeinden des Kantons Waadt und einer des Kantons Luzern am 10. September, in zwei Gemeinden des Kantons Schaffhausen am 11. Juli, in je einer Gemeinde der Kantone Aargau und Basel am 24. April, Bern, St. Gallen, Solothurn und Zürich am 27. April, Appenzell, St. Gallen, Genf und Zürich am 4. Mai, Luzern und Schwyz am 21. Juni, Waadt und Luzern am 6. August, Appenzell und Zürich am 15. August; ferner in einer einzigen Gemeinde der nachstehenden Kantone (in Klammer) an folgenden Tagen: April 5. (Bern), 7. (Tessin), 22. (Neuenburg), 29. (Aargau), 30. (Bern), Mai 9. (Bern), 11. (Bern), 22. (Thurgau), Juli 4. (Appenzell), 16. (Bern), 17. (Glarus), August 2. (Bern), 4. (Tessin), 13. (Zug), 18. (Bern), 20. (Thurgau), September 4./5. (Bern), 15. (Tessin), Oktober 8. (Graubünden).

*) Die Zahl der Gemeinden und Bezirke ist hier nicht absolut zu nehmen, sondern als diejenige Summe, welche erhalten wird, indem man für jeden Hageltag die betroffenen Gemeinden, resp. Bezirke in Rechnung zieht, so dass also ein und dieselbe Gemeinde, resp. ein und derselbe Bezirk, mehrmals darin figurieren kann.

Beschreibung der Gewitter und Hagelschläge.

In der tabellarischen Zusammenstellung sind die an jedem Gewittertage aufgetretenen elektrischen Erscheinungen, nach Zügen und Gruppen geordnet, in gedrängter Kürze möglichst vollständig behandelt. Aus Kolonne 3 ersieht man den mittleren, auf Meer reduzierten Barometerstand, aus Kolonne 4 die mittlere, mit Ausnahme der Bergstationen, auf die Höhe des schweizerischen Mittellandes (ca. 500 m über Meer) reduzierte Temperatur im Gewittergebiet. Beide meteorologischen Elemente beziehen sich auf den dem Gewitterausbruch nächst vorangegangenen Beobachtungstermin $7^1/_2{}^h$ a, $1^1/_2{}^h$ p oder $9^1/_2{}^h$ p (M. E. Z.). Nur wenn die elektrischen Vorgänge kurz vor einem dieser Termine einsetzten und längere Zeit nach demselben andauerten, so entsprechen die genannten Daten diesem Zeitpunkt. Bei den Zeitangaben bedeutet a vormittags und morgens, p nachmittags und abends, n nachts, 0^h mitternachts, 12^h mittags. Der in Kolonne 8 notierte Weg des Gewitters in km pro Stunde ergibt sich nicht aus Kolonne 5, sondern aus den Isobronten der kartographischen Darstellung. Kolonne 9 stellt durch die bekannten Symbole (* Schnee, △ Graupeln oder Riesel, vereinzelte oder sehr kleine Hagelkörner, ▲ Hagel, ● Regen) die Art der Niederschläge, sowie deren Intensität dar. Das Zeichen ⚡ bedeutet Gewitter, ↯ Blitzschlag. In der Rubrik „Betroffene Gegend" folgen manchmal auf den die Bezeichnung der Zugsrichtung abschliessenden Doppelpunkt einzelne direkt vom ⚡ überzogene Orte, oft sind aber auch nur die Grenzpunkte der Gewitterzone angemerkt; beigefügt sind gewöhnlich (von den Stationen der ⚡-Zone durch Semikolon getrennt) auch einzelne Orte ausserhalb des Gewittergebiets, von welchen aus noch elektrische Erscheinungen beobachtet wurden. Die im Text teils in Klammer, teils sonst beigefügten, mit dem Masszeichen $^m/_m$ versehenen Zahlen geben, sofern nichts weiteres bemerkt ist, den Tagesbetrag des Niederschlags auf der betreffenden Station an; wo es wünschbar erschien, wurde letztere Angabe durch den vorausgehenden Buchstaben s (= Tagessumme) präzisiert. (Leider wird nur auf sehr wenigen Stationen der während eines Gewitters gefallene Niederschlag gemessen.) Der Kürze halber wurde anstatt „Basel-Augst", „Belmont s. Boudry", „Buch (Schaffhausen)", „Champ-Fahy s. Neuveville", „Crana-Torricella (Trinkwasserversorgung von Lugano)", „Davos-Platz", „Davos-Stille (Basler Heilstätte bei Davos-Dorf)", „Gsteig b. Saanen", „Unterhallau", „Unterkulm", „Kilchberg (Baselland)", „Schleusen des Löntschwerks am Klöntalersee", „Küsnacht (Zürich)", „Küsnacht (Schwyz)", „Langnau (Bern)", „Marbach (Luzern)", „Les Mayens de Sion", „Münster (Luzern)", „Muri (Aargau)", „Nisellas–Alvaschein b. Tiefencastel", „Ober-Iberg", „Hof Oberkirch (Kaltbrunn)", „Pfäffikon (Zürich)", „Rickenbach (Schwyz)", „Les Rouges s. Chéserex", „Santa Maria im bündner. Münstertal", „Splügen (Dorf)", „Stein a. Rhein", „Varen b. Leuk", „Vorderwäggithal", „Waldhalde (Schönenberg, Kt. Zürich)", „Wald (Zürcher Sanatorium)", „Wil (St. Gallen)", „Schweizerische Anstalt für Epileptische b. Zollikon" gesetzt: Augst, Boudry, Buch, Champ-Fahy, Crana, Davos, Davos-Stille, Gsteig, Hallau, Kulm, Kilchberg, Klöntal, Küsnacht, Küsnach, Langnau, Marbach, Les Mayens, Münster, Muri, Nisellas, Iberg, Oberkirch, Pfäffikon, Rickenbach, Les Rouges, Santa Maria, Splügen, Stein, Varen, Vorderthal, Waldhalde, Wald, Wil, Zollikon.

Zur Vervollständigung des Gewitterbildes einzelner Tage dienen die Ergänzungen, indem darin ausser „weiteren Bemerkungen" über die betreffenden Witterungsvorgänge noch die grössern Hagelschläge festgelegt wurden, welche aus dem uns von der Direktion der Schweizerischen Hagelversicherungsgesellschaft gütigst zur Verfügung gestellten Verzeichnis der Schadenersatzmeldungen ersichtlich sind. Die hagelbeschädigten Gemeinden wurden, soweit möglich, nach ihrer topographischen Lage im betreffenden Zuge geordnet; die in Klammer beigefügten Kantonsnamen gelten für alle vorangehenden Gemeinden. In den Nachträgen fanden die lokalen Gewitter, sowie sporadisch auftretende elektr. Erscheinungen in solchen Gegenden oder an solchen Tagen Aufnahme, welche nicht in der tabellarischen Uebersicht figurieren. Die in Letzterer nur durch das Symbol ↯ angedeuteten Blitzschläge wurden, nach den üblichen Kategorien geordnet, in einem besondern Verzeichnis kurz beschrieben. Als Beigabe folgen für einige interessante Gewittertage oder Vortage von Gewittern noch die entsprechenden synoptischen Wetterkarten.

Tabellarische Zusammenstellung der Gewitterzüge und Hagelschläge.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des Hörbaren Donners	Richtung der ⊼ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Januar 31	.	759	8	zw. 4^{30} u. 5p	W	E	.	.	●	⊼ im Churfirstengebiet; Ebnat, Walenstadt (heftig); Donner: Sargans, Obstalden (zweimal, Weststurm; in Zürich $3^1/_2$ p W von 24 m/s).
Febr. 2	.	761	6	6–7^{15} a	NE	SW	.	.	●	⊼ im südwestl. Jura: Cossonay 6 a, Genf 7^{15} a; Blitz und Donner: Lausanne; Donner: Clarens.
März 21	.	760	10	2 a		.	--	.	●	Lokales ⊼: Genf (Regen 20./21. = 21.4 $^m/_m$).
April 5	.	753	3	9–10 p		.	.	.	●▲	⊼-Gruppe im Pruntrut: Mormont, Montmelon ▲; Blitze im SW: Lampenberg.
» 6	.	752	14	zw. 3 u. 4 p		.	.	.	●	⊼-Gruppe im Gebiet der Kleinen Emme: Entlebuch, Escholzmatt; Blitz und Donner: Luthern, Hitzkirch.
	.	752	12	5^{20}–7^{30} p	NW	NE	.	.	.	Von ⊼ am Südhang des Schwarzwald (Höchenschwand 5^{20}–7 p) herrührend Blitz und Donner beobachtet in Zurzach, Schleitheim, Lohn; Blitze: Augst; Donner: Böttstein, Hallau.
» 7	.	750	15	5–6 p		.	.	.	●▲	⊼ am Ceresio: M^{te} Brè (▲ dann ●), Lugano, Ponte Tresa; Donner: Crana; Wetterleuchten: Bevers.
» 22	.	763	16	3^{05}–4^{30} p		.	.	.	●▲^{0}	Kleines ⊼ im Val-de-Ruz: Cernier; Donner: La Chaux-de-Fonds (dreimal, heftig, im E, 3^{47}–4^{05} p ● u. ▲), La Brévine, Champ-Fahy, M^t Soleil.
» 24	.	758	15	1^{40}–3 p		.	.	.	●	⊼-Gruppe zwischen Quellgebiet der Areuse und Unterlauf der Orbe: St. Sulpice, Baulmes, Yverdon; Donner: Cernier, Chaumont, La Brévine, Lausanne.
	a	757	14	2–5^{45} p	WSW	ENE	110	49	●^{2}	Aus dem Pruntrut ⊼ gegen den Hohen Randen ziehend, Mormont, Therwil, Basel (W$_3$, 3^{55}–4^{15} p = 9 $^m/_m$ Regen), Liestal, Rheinfelden ⊀*), Möhlin, Höchenschwand, Schleitheim; Blitz und Donner: Wintersingen, Pfeffingen). T I, 1.*)
	b	758	14	2^{50}–4 p	SW	NE	.	.	●	⊼ von der untern Broye und Saane ins Grosse Moos ziehend: Payerne, Murten, Aarberg; Donner: Bern, Freiburg, Champ-Fahy, Neuchâtel. T I, 1.
	c	758	14	3^{40}–5^{30} p	WSW	ENE	50	40	●▲	Vom M^t Moron her ⊼ über die Weissensteinkette gegen die Suhrmündung; Grenze im N: Choindez, Mervelier, Kilchberg, Bötzberg, im S: Solothurn, Kölliken. Aarau: Heftiges ⊼ mit Platzregen und ▲ von Erbsgrösse; Donner: Biel, St. Urban, Reigoldswil, Böckten, Böttstein. T I, 1.
	.	757	14	$7^1/_2$–8 p	SSW	NNE	.	.	●▲	⊼ im untern Birs- und Birsiggebiet: Therwil, Binningen, Basel (▲, im östlichen Teil der Stadt mehr als im W), Rheinfelden ⊀; Blitz und Donner: Pfeffingen; Donner: Bellelay, Liestal.
»{6, 18 / 22, 24}	.	.	.	.		.	.	.	●	Lokale ⊼, vide Nachträge a.
» 27	.	755	19	1–$2^1/_2$ p		.	.	.	.	Herrührend von ⊼ in der Franche-Comté und am Doubs (Les Brenets 1 p) Donner beobachtet in Cossonay, Montcherand, St. Sulpice, La Brévine; Blitz und Donner: La Chaux-de-Fonds.
	a	756	22	2^{10}–3^{50} p	W	E	42	33	●▲	Vom Allmann ⊼ zum Tannenberg ziehend; Grenze im N: Wyla (südlich von Kollbrunn), Bischofszell, im S: Bauma ▲, Lichtensteig, Urnäsch, St. Georgen ▲; Gonten und Hundwilerhöhe ⊀; Blitz und Donner: Ebnat, St. Gallen, Schwäbrig; Donner: Wädenswil, Uster, Winterthur, Säntis, Appenzell, Teufen, Altstätten. T II, 5.
	{b / c	567 / 755	21 / 20	3^{20}—4^{30} p / 4—5^{30} p	W / S	S / N	.	.	●	Zwei kleine ⊼, b, zwischen unterer Wigger und nördlichem Lindenberg (Zofingen; Blitz und Donner: Münster, Zürich [aus ⊼-Wolkenbank im W $3^3/_4$ und 4 p, ebenso Donner 4^{20}–4^{30} p], Aarau [5 km südlich, von W nach E]; Donner: Luthern, Sihlwald, Wädenswil), und c, vom Rhein gegen den Schwarzwald ziehend (Zurzach, Höchenschwand; Donner: Böttstein, Wil-Rafz). T II, 5.
	d	755	19	4–$5^1/_2$ p	W	E	.	.	●▲	⊼ im Weissensteingebiet: Moutier, Gänsbrunnen ▲, Solothurn (4 km nördlich), Mervelier, Herbetswil; Blitz und Donner: Balsthal; Donner: St. Urban, Lampenberg, Liestal. T II, 5.
	.	756	20	4–6^{30} p	W	E	55	44	●	Von der Orbequelle ⊼ gegen die Saane ziehend: Baulmes, Vallorbe, Vaulion, Montcherand, Yverdon, Moudon, Payerne, Marsens, Freiburg; Blitz und Donner: Murten, La Roche.
	.	756	21	4^{30}–5^{30} p	WNW	ESE	.	.	●	Kleines ⊼ zwischen Sonnenberg und Frienisberg: M^t Soleil, Champ-Fahy, Aarberg; Blitz und Donner: Cernier, Biel; Donner: Serrières, Chaumont, Dombresson, Solothurn.
	.	755	20	6^{47}–8^{45} p	SW	NE	.	.	.	Von einem aus NW gegen den Feldberg ziehenden ⊼ herrührend Blitz und Donner: Binningen, Basel (7 km nordwestlich, SW 2–3, schon früher Blitze im W), Augst; Donner: Wintersingen; Blitze im NW: Winterthur $8^3/_4$ p.

*) Das Symbol ⊀ verweist auf das Verzeichnis der Blitzschläge, ein T mit nachfolgender römischer und arabischer Ziffer auf Tafel und Kärtchen der graphischen Darstellung.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges —		Zurückgelegt. Weg in km	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
April 27	e	756	21	10 p–0^{30} a (28.)	SSE	NNW	30	20	●	Andeutung eines ↖-Zuges vom Bachtel durch das Glattal hinab: Bachtel ∠, Hinwil, Uster, Dübendorf, Hochfelden; Blitz und Donner im E, NE und N: Zollikon, Zürich (zwischen 11¼ und 11½ p zweimal, stark zwischen 0^h und 0^{30} a); Donner: Fehraltorf, Eschlikon. **T** II, 5.
» 28	a	759	15	4^{20}–6^{15} a	W	E	50	50	●	Aus dem Rafzerfeld ↖-Zug gegen den Überlingersee: Wil-Rafz, Wilchingen, Hallau, Rheinau, Buch, Steckborn, Kreuzlingen; Donner: Schleitheim, Lohn. **T** I, 1.
	.	759	15	4^{25}–7 a		.	.	.	●	Vom Schwarzwald her ↖ gegen die untere Wutach und den Rhein ziehend: Höchenschwand Zurzach; Donner: Böttstein.
	b	759	15	5–6 a	N	S	.	.	●	↖ zwischen Schauenberg und Bachtel: Aadorf, Sternenberg, Hinwil; Donner: Frauenfeld, Fehraltorf. **T** I, 1.
	.	761	20	12^h–3 p		.	.	.	.	Herrührend von ↖ im Schwarzwald (Höchenschwand) Donner: Liestal und Lampenberg (aus N), Schleitheim (aus W).
	c d	762	20	4–5 p 9^{35}–11^{30} p	SSW NW	NNE SE	.	.	●	Zwei kleine ↖, c, an der mittleren Saane (Marsens, Freiburg), d, aus dem obern Sihltal ins Quellgebiet der Linth ziehend (Euthal, Linthal; Blitz und Donner: Altdorf, Rickenbach, Klöntal). **T** I, 1.
	e	762	20	11 p–0^{30} a (28.) (29.)		.	50	50	●	↖-Zug vom Bachtel gegen die Lichtensteiner Berge: Bachtel, Peterzell, Obstalden, Walenstadt, Wildhaus, Appenzell, Haag, Sevelen; Blitz und Donner: Zürich; Donner: Altstätten 0–0½ a (29.) viermal; Wetterleuchten: St. Gallen, Arosa, Bevers. **T** I, 1.
» 29	a b c	764 764 764	14 14 15	0^{30}–3 a 1^{40}–3^{20} a 2–3 a	NW SW SW	SE NE NE	30 23 .	15 23 .	●	Drei kleine Nachtgewitter, a, aus dem obern Sihltal zum Hausstock (Euthal, Glarus, Elm; Blitz und Donner: Rickenbach), b. aus dem Alptal gegen den Ricken (Einsiedeln ∠, Lachen ∠, Oberkirch; Blitz und Donner: Wädenswil, Hinwil; Blitze: Uster) und c, im Klettgau (Hallau, Schleitheim; Blitz und Donner im N: Zürich; Donner: Schaffhausen). **T** II, 2.
	d	765	16	3–4^{30} a	SW	NE	60	48	●	Vom Brünig her ↖, in seinem Verlauf mit einem vom Pilatus gekommenen vereinigt, gegen das Sihltal und den obern Zürichsee ziehend: Lungern, Sarnen, Stans, Luzern; Grenze der vereinigten Züge, im NW: Luzern, Cham, Sihlwald, Stäfa, im SE: Isenthal, Rickenbach, Iberg; Blitz und Donner: Zürich. **T** II, 2.
	e	764	15	4–5^{30} a	E	W	53	53	●^{2} ▲^{2}	Vom Uto her ↖ gegen die Balsthaler Klus; Grenze im N: Dietikon, Aarau (▲^{2} von Erbsgrösse und ●^{2}, Kilchberg, Balsthal, im S: Muri, St. Urban; Blitz und Donner aus dem ↖-Gebiet: Zürich, Hitzkirch, Triengen, Herbetswil; Donner: Solothurn, Herzogenbuchsee, Wintersingen; Blitze: Reigoldswil. **T** II, 2.
	.	762	19	4–6 p		.	.	.	●	↖ am Gambarogno und Tamaro; Donner: Locarno, Crana, Bellinzona (↖-Regen). **T** II, 2.
» 30	a b	762 760	17 21	2–3 p 5½–7^{30} p	NE N	SW S	.	.	●	Zwei kleine ↖, a, am Ceresio (Lugano, Ponte Tresa; Donner: Crana), und b, im obern Sensegebiet (Blitz und Donner: Marsens, La Roche; Donner: Freiburg 5^{30}–6 p, 15 km im E; Blitze: Freiburg 6–7^{30} p).
	c d	759 760	22 21	8–10 p 9–10 p	SW	NE	.	.	●	Zwei kleine ↖, c, vom M^t Moron gegen die Balsthaler Klus ziehend (Choindez, Moutier, Herbetswil; Blitz und Donner: Bellelay, Reigoldswil; Donner; Solothurn, Binningen; Blitze: Zürich 8¾–9½ p, im W) und d, im Murtenseegebiet (Murten; Blitz und Donner: Freiburg, Payerne [aus Cumulus im N]; Blitze: La Brévine, Neuchâtel, La Chaux-de-Fonds).
	e f	760	21	9–10^{30} p 10–11 p	SSW NE	NNE SW	24 .	32 .	● ●▲	↖-Zug, e, vom Noirmont zum Chasseron (Cossonay, Vallorbe, Baulmes; Blitze: Genf), und kleines ↖ am Bielersee und im Grossen Moos (Biel, Twann ▲, Champ-Fahy, Aarberg).
	.	759	23	11 p–0^{15} a (30.) (1.)	NW	NE	.	.	.	Von im N vorbeiziehendem ↖ Blitz und Donner in Basel (zehnmal, 8 km), Therwil, Böckten; Blitze: Lampenberg, Aarau, Zürich; Donner: Wintersingen.
» 27, 28 29, 30	.	.	.	.		.	.	.	●	Lokale ↖, vide Nachträge a.
Mai 4	.	752	12	1–3^{30} p	W	E	74	37	● △ ▲	Vom obern Zürichsee her ↖ gegen Vorarlberg ziehend: (Wädenswil (▲ 1$^{23–24}$ p und 1$^{27–28}$ p, fast haselnussgross, Gemüse etwas zerhackt), Jonschwil ▲, Peterzell, Urnäsch, Säntis △, Appenzell ▲; Blitz und Donner: Hinwil; Donner: Frauenfeld, Altstätten, Degersheim. Vide Ergänzungen a.
» 9	a	756	21	3½–5 p	W	E	.	.	● ▲^{0}	Andeutung eines ↖-Zuges vom untern Emmental gegen den Unterlauf der Kleinen Emme: Kirchberg, Wasen (im N vorbei, ▲^{0}), Luthern, Wolhusen (nahe im W); Donner: Solothurn, St. Urban, Entlebuch (↖-Regen).
	b c	756	21	5½–6½ p 5^{45}–8 p	W	E	.	.	●	Zwei kleine ↖, b, zwischen Pilatus und Buochserhorn (Stans; Blitz und Donner: Sarnen, Weggis, Luzern; Donner: Vitznau) und c, zwischen Zuger- und Ägerisee (Walchwil, Hauptsee; Blitz und Donner: Rickenbach, Waldhalde).

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ⊼ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Mai 9	d	755	21	$6-6^{40}$ p	WSW	ESE	.	.	●	Kleines ⊼, d, in der NW-Ecke unseres Landes (Therwil, Binningen, Basel [ca. fünfzehnmal Donner, 6^{20} p im Zenith], Neuewelt; Donner: Pfeffingen, Augst, Liestal) und ⊼-Zug, e, vom Waadtländer in den Neuenburger Jura (Baulmes, Vuiteboeuf, St. Sulpice; Blitz und Donner: Lausanne; Blitze: Cossonay, Payerne, Avenches, Freiburg, Neuchâtel, Solothurn; Donner: Les Ponts, La Brévine).
	e	756	19	$7^{10}-9^{30}$ p	SSW	NNE				
» 1.,4.,8.,9	.	.	.	.	.		.	.	●	Lokale ⊼, vide Nachträge a.
» 10	.	755	20	p	.		.	.	●▲	⊼-Gruppe im Pruntrut: Mormont ▲, St. Ursanne ▲.
	a	756	21	$3^{15}-4^{45}$ p	SW	NE	.	.	●	Ein kleines ⊼, a, vom Pilatus gegen den Albis ziehend (Luzern, Küsnach, Mettmenstetten; Donner: Weggis, Sihlwald, Wädenswil) und Andeutung eines Zuges, b, vom südöstlichen Ufer des Leman in das Mündungsgebiet der Rhone (Chessel, Savatan; Donner: Clarens [von W im S nach E], Dailly) **T** I, 2.
	b			$3^{20}-5$ p	NW	SE				
	c	755	21	$3^{30}-7^{25}$ p	W	E	80	23	●▲	Vom Oberelsass her ⊼ gegen den Randen ziehend: Therwil, Binnigen, Basel ▲⁰, Liestal, Wintersingen, Rheinfelden, Höchenschwand, Böttstein, Wil-Rafz, Wilchingen, Hallau; Blitz und Donner: Lampenberg, Böckten, Schleitheim; Donner: Pfeffingen. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** I, 2.
	d	756	21	$3^{45}-8^{30}$ p	SW	NE	220	29	●²▲	Aus dem Gros-de-Vaud ⊼-Zug durch das schweizerische Mittelland ins Quellgebiet von Thur und Sitter; Grenze im NW und N: Baulmes, St. Sulpice, Cernier, Chaluet, Langenbruck, Dietikon, Bremgarten, Horgen, Herisau, Appenzell, im SE und S: Chexbres, Château-d'Oex, Wimmis, Schangnau, Flühli, Stans, Vorderthal, Wildhaus; Blitz und Donner aus dem ⊼-Gebiet: Uster, Flawil, St. Gallen, Altstätten; Donner: La Brévine, Bellelay, Moutier, Winterthur; Blitze: Elm; ⊼-Regen: Eschlikon, Nollen, Thundorf, Schwäbrig. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** I, 2.
	e	756	21	7–8 p	W	E	40	40	●	Vom Seerücken her ⊼ gegen den obern Bodensee ziehend: Haidenhaus, Weinfelden, Romanshorn, Rorschach; Blitz und Donner: Diessenhofen, Steckborn, Kreuzlingen; Donner: St. Gallen; ⊼-Sturm: Frauenfeld. **T** I, 2.
» 10.,11	.	.	.	.	.		.	.	●	Lokale ⊼, vide Nachträge a.
» 16	a	754	22	$7^{3}/_{4}$–9 p	S	N	.	.	●▲	Vom Salève ⊼-Zug gegen die Faucille: Russin ▲, Dardagny ▲, Genf, Les Rouges s. Ch.
	b	752	19	$10^{30}-11^{30}$p	W	E	.	.	●	Gewitter zwischen Schwarzwald und Rhein: Rheinfelden, Möhlin („im N vorbei"); Donner: Basel.
	c	752	19	10^{30}p-0^{35}a (17.)	W	E	45	45	●▲	Von der untern Birs ⊼ gegen die Reussmündung ziehend; Grenze im N: Therwil, Wintersingen, Bötzberg, im S: Mervelier, Balsthal, Aarau; Blitz und Donner: Choindez, Basel (ca. 40 Entladungen, „6 km südlich"), Rheinfelden, Möhlin, Herzogenbuchsee, Zürich ($11^{3}/_{4}$ p bis nach 0^{h} starke Blitze, nur einmal Donner hörbar); Wetterleuchten: Hallau, Lohn, Schaffhausen, Rickenbach, Freiburg. Hagel: Therwil, Lampenberg, Waldenburg.
» 17	.	754	17	3–4 a	.		.	.	.	⊼ am nordwestlichen Ausläufer des Speer: Oberkirch, Ebnat.
	a	755	17	$12^{40}-4^{30}$ p	SW	NE	135	36	●▲	Aus dem waadtländisch-freiburgischen Hügelland Zug stellenweise mit ▲ begleiteter ⊼ gegen Linden- und Hasenberg; Grenze im NW: Moudon, Herzogenbuchsee, Aarau, Mellingen; im SE: Mormont, Plaffeien, Rüthi, Belp, Wasen, Luthern, Hitzkirch, Muri, Bremgarten; Blitz und Donner aus dem ⊼-Gebiet: Neuchâtel, Murten, Solothurn; Donner: Marsens, Chaumont, Bellelay. Weitere Bemerkungen und Hagel, vide Ergänzungen a u. b. **T** I, 3.
	b	755	18	$1^{40}-3^{45}$ p	SW	NE	46	46	●▲	Andeutung eines ⊼-Zuges von Winteregg und Blume gegen die Mündung der Kleinen Emme: Heiligenschwendi, Escholzmatt, Entlebuch, Buchsteg; Blitz und Donner: Wimmis, Beatenberg, Luzern; Donner: Weggis. Hagel, vide Ergänzungen b. **T** I, 3.
	c	754	19	$2^{3}/_{4}-4^{30}$ p	W	E	30	20	●▲	Aus dem Oberelsass ⊼ gegen die Sisseln ziehend: Pfeffingen, Therwil, Basel (▲⁰ im Regen), Augst, Liestal, Rheinfelden, Lampenberg, Wintersingen, (t vor dem ⊼ 18.4° C, nachher 10.6° C, $3^{46}-3^{51}$ p ▲); Donner: Waldenburg, Lampenberg. Hagel, vide Ergänzungen b. **T** I, 3.
	d	756	20	3^{45}-6 p	SW	NE	75	43	●▲	⊼-Zug aus dem untern Lorzegebiet zum untern Bodan; Grenze im NW: Mettmenstetten, Zürich („nahe im S vorbei"), Dübendorf, Thundorf, Raperswilen, Kreuzlingen, im SE: Zug, Hinwil, Peterzell, Herisau, Romanshorn; Blitz und Donner aus dem ⊼-Gebiet: Bachtel Winterthur (12 km im S nach SE), Frauenfeld, Urnäsch, St. Gallen; Donner: Schleitheim, Säntis, Teufen, Appenzell, Altstätten. Weitere Bemerkungen u. Hagel, vide Erg. a und b. **T** I, 3.

Datum	Bezeichnung des Zugs od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↯ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Mai 18	.	757	14	$5^{3}/_{4}$–$6^{1}/_{4}$ p	.		.	.	●	Kleines ↯ zwischen Lägern und Irchel: Hochfelden 6 p; Blitz und Donner: Hallau (von „SW nach SE“); Donner: Lohn.
» 16.,17.,18	.	.	.	.	.		.	.	●	Lokale ↯, vide Nachträge a.
« 22	.	765	18	1^{50}–3^{50} p	SW	NE	57	44	●▲	Aus dem obern Sihltal ↯ in das Appenzeller Vorderland ziehend; Grenze im NW: Wollerau, Wald, Herisau, im SE: Euthal, Glarus, Wesen, Appenzell, Schwäbrig; Blitz und Donner aus dem ↯-Gebiet: Weinfelden, Bischofszell, St. Gallen, Wildhaus, Hinwil, Einsiedeln; Donner: Zürich, Altstätten. Hagel: Lachen, Fehraltorf (10 Sekunden lang), Stein (Appenzell), Schwäbrig.
« 26	a	769	24	3^{30}–6 p	SW	NE	26	13	●▲	↯, a, im Entlebuch (Escholzmatt ▲, Schüpfheim ▲, Pilatus; Donner: Sarnen, Entlebuch) und c, zwischen Feuerstein und Grimsel (Lungern, Meiringen, Guttannen).
	c	769	23	4^{30}–7^{40} p	NNW	SSE	17	17	●	
	b	768	23	3^{50}–6^{30} p	SW	NE	70	35	●▲	↯-Zug vom Neuenburger in den Berner Jura: Les Ponts, Boudry, Le Locle („alle 3 Minuten Donner, 4^{40}–5 p ▲ von Erbs- bis Haselnussgrösse“), Bellelay ▲, Choindez, Mervelier; Donner: Chaumont, Solothurn, Champ-Fahy, Balsthal, Mormont, Pfeffingen, Reigoldswil, Lampenberg.
	d	768	22	5–8^{15} p	NW	SE	20	10	●▲⁰	Von Winteregg und Blume (Thunersee) ↯-Zug ins Lütschinenthal: Heiligenschwendi, Beatenberg, Interlaken, Lauterbrunnen; Blitz und Donner: Wimmis, Grindelwald ▲⁰.
» 27	.	768	18	$2^{1}/_{2}$–6 a	.		.	.	.	Herrührend von ↯ im Vorarlberg Donner beobachtet in Altstätten.
	.	767	24	3–4 p	W	E	.	.	●	Kleines ↯ von der Sefinenfurgge zum Jungfraumassiv: Eigergletscher; Blitz und Donner: Lauterbrunnen („im Sefinental“).
	.	767	26	3^{15}–4^{30} p	SW	NE	.	.	●▲	↯ zwischen Urirotstock und Frohnalpstock: Isenthal, Frohnalp; Donner: Engelberg, Altdorf, Rickenbach (▲ „an der Frohnalp“).
	a	767	24	5–6 p	SW	NE	.	.	●▲	↯ in der Mᵗ Moron-Gruppe: Bellelay ▲, Choindez ▲, Delémont ▲; Donner: Pfeffingen. **T** I, 4.
	.	766	27	5^{15}–5^{45} p	.		.	.	.	Von ↯ im Oberelsass herrührend Donner beobachtet in Wintersingen, Arisdorf, Therwil (auch Blitz im NW), Mormont.
	b	767	27	$5^{1}/_{2}$–7 p	N	S	.	.	●▲	↯ am westl. Leman: Les Rouges, Crassier▲, Céligny ▲, Founex ▲, Genf. **T** I, 4.
	.	767	25	$5^{1}/_{2}$–$6^{1}/_{2}$ p	W	E	45	45	●	Von Berra und Dᵗ de Broc ↯ gegen das Jungfraugebiet ziehend: Jaun, Frutigen, Wimmis, Kienthal, Lauterbrunnen; Blitz und Donner bei nur teilweise bewölktem Himmel: Guttannen; Blitze: Heiligenschwendi.
	c	767	25	$5^{1}/_{2}$–7 p	W	E	43	43	●▲	Andeutung eines ↯-Zuges von der Kreuzegg gegen die Lichtensteiner Berge: Lichtensteig, Ebnat, Nesslau ▲, Wildhaus, Haag; Blitz und Donner: Appenzell, Oberkirch, Sevelen; Donner: Iberg, Obstalden, Sargans. **T** I, 4.
	d	767	23	6–7 p	SW	NE	.	.	●▲	Zwei kleine ↯, d, im Neuenburger Bergland (Les Ponts ▲ [wie grosse Haselnüsse], Cernier, Le Locle, Chaumont; Blitz und Donner: Boudry, La Chaux-de-Fonds, Les Brenets; Donner: Payerne, Avenches) und f, der Weissenstein-kette entlang (Mervelier, Balsthal; Blitz und Donner: Waldenburg; Donner: Solothurn, Feldbrunnen. **T** 1, 4.
	f	766	24	7–8 p	SW	NE	.	.	●	
	e	766	26	6–8 p	W	E	77	44	●	Aus dem Schwarzwald ↯-Zug gegen den Überlingersee: Höchenschwand, Hallau („2 km im N vorbei“), Schleitheim, Lohn, Diessenhofen („nahe im N vorbei“), Stein a./Rhein, Kreuzlingen; Blitz und Donner: Wilchingen, Schaffhausen; Donner: Basel, Möhlin. **T** I, 4.
	g	767	25	7^{45}–10 p	W	E	140	70	●	↯, teils aus der Vallée-de-Joux, teils von der Rhonemündung gegen die Grosse Scheidegg ziehend; Grenze im N: Vallorbe, Sᵗᵉ Croix, Yverdon, Wimmis, Beatenberg, Grindelwald, im S: Le Sentier, Palézieux, Chessel, Gsteig b. S., Adelboden, Eigergletscher; Blitz und Donner aus dem ↯-Gebiet: Clarens („im S nach E“); Blitze: Lausanne, Champ-Fahy, Bern, Solothurn. Unter Einfluss vorigen Zuges, ↯ in Leukerbad $9^{1}/_{4}$ p. **T** I, 4.
	h	767	26	9 p–1 a (28.)	SW	NE	108	31	●▲	Vom Brünig her ↯-Zug gegen das Alpsteingebirge: Lungern ↙, dann Grenze des Zuges im NW: Pilatus, Rigi, Rapperswil, Teufen, im SE: Meiringen, Engelberg, Altdorf ↙, Linthal, Walenstadt, Appenzell; Blitz und Donner aus dem ↯-Gebiet: Schwäbrig; Donner: St. Gallen; Wetterleuchten: Zürich, Fehraltorf, Hinwil, Altstätten, Basel, Möhlin. **T** I, 4.
» 22.,26.,27	.	.	.	.	.		.	.	●	Lokale ↯, vide Nachträge a.
» 28	a	768	18	4–7 a	WNW	ESE	75	50	●	Vom Col de la Ferrière (Jougne) ↯ über das Gros-de-Vaud und die Freiburger Alpen ins Simmental ziehend, begrenzt im N: von Sᵗᵉ Croix ↙, Yverdon, Freiburg, Boltigen, im S: von Vaulion, Cossonay, Palézieux, Château d'Oex, Saanen, Zweisimmen; Blitz und Donner im S: Payerne; Donner: Dailly. Im übrigen, vide Ergänzungen a. **T** I, 5.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges		Zurückgelegt. Weg in km	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Mai 28	b	768	18	4^{40}–7 a	W	E	119	53	● ▲	Aus dem westlichen Neuenburger Bergland ↖-Zug gegen Lindenberg und Pilatus; Grenze im N: Les Brenets, La Ferrière ▲ 5^{08}–5^{12} p, M^t Soleil, Solothurn, Zofingen, Triengen, Hitzkirch, im S: La Brévine, Champ-Fahy ◁, Aarberg, Entlebuch, Sarnen ▲; Blitz und Donner aus dem ↖-Gebiet: Neuchâtel, Allerheiligen; Donner: Wintersingen, Langenbruck, Kölliken, Bern, Luzern, Zürich. Im weitern, vide Ergänzungen a. **T** I, 5.
	c	764	23	1—2^{55} p	W	E	.	.	● △	Zwei unbedeutende ↖-Züge, c, vom Schwarzwald gegen Randen und Reiath (Hallau, Schleitheim, Schaffhausen △ [„alle 5-10 Minuten eine Entladung"], Lohn, Stein a. Rhein; Blitz und Donner im N: Rheinau; Donner: Haidenhaus, Steckborn, Winterthur) und d, zwischen Niesen und Napf (Wimmis, Heiligenschwendi, Eggiwil, Langnau). **T** I, 5.
	d	766	22	1^{50}—5 p	S	N	.	.		
	e	765	22	2^{15}–5^{15} p	NNW	SSE	55	28	● ▲	Vom Iselisberg her ↖-Zug gegen Speer und Churfirsten: Niederneunforn, Bertschikon ▲, Frauenfeld, Hagenbuch, Thundorf, Affeltrangen, Zünikon ◁, Aadorf, (einige ▲-Körner), Degersheim, Lichtensteig, Ebnat, Oberkirch, Starkenbach; Donner: Hinwil, Flawil, Teufen, Sargans. Weitere Bemerkungen, vide Ergänzungen a. **T** I, 5.
» 30	.	765	19	9–10 a	W	E	.	.	●	↖ im Tresa-Gebiet: Ponte Tresa; Blitze und Donner im S: Locarno, im SW: Lugano; Donner: Crana.
	a	762	20	1^{30}—2^{30} p	SW	NE	.	.	●	Zwei kleine ↖, a, vom obern Entlebuch z. Pilatus (Escholzmatt, Buchsteg, Pilatus; Donner: Sarnen [„ununterbrochen im W über NW n. N u. NE"], Luzern) u. b, zwischen Brünig u. Stanserhorn (Lungern, Sarnen; Donner: Vitznau, Küsnach). **T** I, 6.
	b			3^{05}—6^{20} p						
	c_1	762	24	3^{45}–6 p	SSW	NNE	33	22	● ▲	Zwei Züge vom Rigi her, c_1 gegen den nördlichen Pfannenstiel (Rigikulm, Cham, Walchwil, Horgen, Zollikon; Blitz und Donner: Zürich; Donner: Wädenswil, 5^{03}–5^{08}p im N) und c_2, gegen das Obertoggenburg (Rigi-Scheidegg, Rickenbach, Einsiedeln ▲, Euthal ▲, Iberg, Lachen, Vorderthal, Oberkirch, Ebnat, Lichtensteig; Blitz und Donner: Wädenswil, 5 km im S, Hinwil; Donner: Uster, St. Gallen, Schwäbrig). Vide Ergänzungen a. **T** I, 6.
	c_2				SW	NE	58	29		
	d	764	20	10–11 p	W	E	.	.	●	↖ im untern Tessin: Locarno, Bellinzona; Blitz u. Donner: Lugano, Crana. **T** I, 6.
» 31	a	760	24	$1^1/_2$–2^{30} p	W	E	.	.	● ▲	Aus der Franche-Comté ↖ gegen das St. Immertal und die Franches-Montagnes ziehend: La Brévine, St. Imier, Saignelégier; Donner: Cernier, Bellelay. Hagel: La Brévine (5 Minuten), Le Locle (5 Minuten), La Chaux-de-Fonds (6 Min.), La Ferrière. Im übrigen, vide Ergänzungen a. **T** I, 6.
	b	759	26	2^{15}–4^{10} p	W	E	36	24	● ▲	Vom Oberelsass her ↖ gegen das Sisselngebiet: Metzerlen, Laufen, Binningen, Liestal, Möhlin, Kilchberg, Reigoldswil; Donner: Höchenschwand, Schleitheim. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** I, 6.
	c	760	24	2^{30}– 3^{45}p	SW	NE	60	48	●	↖-Zug aus dem Val d'Illiez über die Waadtländer und Freiburger Alpen ins Simmental: Champéry, Chessel, Château-d'Oex, Lauenen, Jaun, Zweisimmen, Boltigen; Blitz und Donner: Chexbres, Clarens (10 km im S), La Roche; Donner: Savatan und Dailly. **T** II, 1.
	d	760	25	2^{30}–5^{55} p	SW	NE	106	47	● ▲^{2}	Teils vom Chaumont, teils aus dem freiburgischen Hügelland ↖ durch das Aaregebiet gegen Kesten- und Lindenberg ziehend: Chaumont, Payerne, Avenches, Freiburg, dann Grenze des Gesamtzuges im NW: Chasseral, Herbetswil, Waldenburg, Eptingen, Gisliflub, im SE: Überstorf, Bern, Wasen, Sursee, Burg b. Menziken. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** II, 1.
	e	759	25	2^{45}–6^{20} p	SW	NE	77	22	● ▲	Aus dem Neuenburger Bergland ↖-Zug ins Birsgebiet gegen die Sornemündung: St. Sulpice, Les Ponts, Les Brenets, La Chaux-de-Fonds, La Ferrière, Bellelay, Epiquerez, Bévilard, Moutier, Choindez, Delémont, Mervelier. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** II, 1.
	f	760	25	$3^1/_4$–4 p	SW	NE	45	45	● ▲	Aus dem Hügelland zwischen Gürbebach und Schwarzwasser ↖ ins Entlebuch ziehend; Grenze im NW: Belp, Grosshöchstetten, Entlebuch, im SE: Wattenwil, Heiligenschwendi, Flühli; Donner aus dem ↖-Gebiet: Luzern, Weggis. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** II, 1.
	g	729	26	4–7^{30} p	WSW	ENE	100	50	●	↖-Zug vom Oberelsass gegen den Untersee; nördliche Grenze: Binningen, Rheinfelden, Schleitheim, Lohn; südlicher Rand: Reigoldswil, Baden, Stein a. Rhein; Blitz und Donner aus dem ↖-Gebiet: Basel (4 km südlich), Weinfelden; Donner: Zürich, Uster, Winterthur, Frauenfeld. **T** II, 1.
	.	760	25	5–6^{10} p	SW	NE	.	.	●	↖ zwischen Chasseral und Weissenstein: Champ-Fahy 5^{10}p (5^{05}–5^{50}p Donner, 5^{15}–5^{20}p Regen), Solothurn 5^{58}p (von 5^{45}p an sechsmal Blitz und Donner, Regen 5^{55}–6^{20}p = 3 m/m); Blitz und Donner: Malvilliers.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Mai 28., 29. / Juni 30., 31.	.	.	.	.		.	.	.	●	Lokale ↖, vide Nachträge a.
Juni 3	.	764	22	$2^{1}/_{4}$–4 a	.		.	.	●	Kleines ↖ im südlichen Calanca und Misox: Braggio, Grono.
	a	763	24	1^{45}–2^{50} p	W	E	.	.	●▲	Vom Gibloux ↖, a, gegen den Ganterist (La Roche, Schwarzsee; Blitz und
	c	763	26	6–$7^{1}/_{2}$ p	NE	SW	30	40	●▲	Donner: Freiburg [„im S nach E, gegen Stockhorn"]) und vom Untersee ↖, c, gegen den Allmann ziehend (Steckborn, Frauenfeld [„nur Regentropfen"], Aadorf, Zell ▲, Rikon ▲; Donner: Winterthur, Uster, vide Ergänzungen a). **T** II, 2.
	b	763	24	4–$5^{3}/_{4}$ p	NE	SW	.	.	●▲	Aus dem Gebiet zwischen Neuenburgersee und Gibloux ↖-Zug durch das Gros-de-Vaud zur Venoge; Grenze im NW: Boudry, Yverdon, l'Isle, im SE: Marsens („Donner nahe im W"), Palézieux, Vuffliens; Donner: Chaumont, Cernier, Champ-Fahy, Montcherand. Hagel: Treyfages, Sâles, Gruyère, Romont. Weitere Bemerkungen, vide Ergänzungen a. **T** II, 2.
	d	763	24	$6^{1}/_{4}$–$7^{1}/_{2}$ p	ENE	WSW	48	48	●▲	Von der Wasserscheide zwischen Ilfis und Kleiner Emme ↖ ins mittlere Sensegebiet ziehend: Escholzmatt, Eggiwil, Grosshöchstetten, Schwarzenburg; Donner: Solothurn, Bern, St. Urban. Hagel, vide Ergänzungen b. **T** II, 2.
» 4	a	766	19	12^{30}–1^{45} p	W	E / SE	36	48	●² ▲	Niederschlagsreiche ↖ vom Centovalli- und Onsernonetal gegen M^te^ Jorio und M^te^ Generoso; Grenze im N: Mosogno, Locarno, Bellinzona, im S: Borgnone, Lugano. In Brissago (34.0 $^{m}/_{m}$) 10 Minuten lang ▲, in Locarno in 50 Minuten 34.3 $^{m}/_{m}$ Regen (Tagessumme 43.4 $^{m}/_{m}$); Donner: Crana. **T** II, 3.
	b	764	20	2–4 p	WSW	ESE	24	32	●	Ein ↖-Zug, b, vom Chasseron gegen Gibloux und Moléson (Yverdon, Moudon,
	c	762	24	$2^{1}/_{2}$–$4^{1}/_{2}$ p	SW	NE	56	28	●	Lucens, Romont; Donner: Neuchâtel, La Roche, Lausanne, Montcherand; vide Ergänz. a), ein anderer, c, von der Adulagruppe ins Davoser Tal (Vals, Splügen, Safien, Thusis, Arosa, Davos-Platz; ↖-Regen: Savognin und Chur). **T** II, 3.
	d	763	24	3–4 p	WSW	ENE	.	.	●	Zwei schmale ↖-Züge, d, vom Richetlispass ins untere Prätigau (Elm, Vättis,
	e	763	22	$3^{3}/_{4}$–$5^{1}/_{2}$ p	SW	NE	.	.	●▲	Seewis; Donner: Säntis; Sturm und Regen: Obstalden) und e, vom Necker*) gegen die Rheinmündung (Schwellbrunn ▲, Waldstatt ▲, Herisau, ▲, Hundwil ▲, Teufen, Heiden ▲; Blitz und Donner: St. Gallen, Urnäsch, Appenzell; Donner: Sargans, Haag). **T** II, 3.
	f	763	22	4–5 p	W	E			●	Drei kleine ↖, f, im Quellgebiet der Ergolz (Lampenberg, Böckten, Diegten;
	h	764	20	$4^{1}/_{4}$–5 p	SW	NE	.	.	●	Donner: Binningen, Balsthal), h, am Ceresio (Ponte Tresa, Lugano; Donner:
	i	763	20	$4^{1}/_{4}$–5 p	SW	NE			●	Crana) und i, im Oberengadin (St. Moritz, Bevers). **T** II, 3.
	g	764	20	4–$5^{1}/_{4}$ p	SW	NE	.	.	● ▲⁰	Vom M^t^ de Boudry ↖-Zug gegen die Franches-Montagnes: Boudry, Serrières, Valangin, Malvilliers, Les Brenets, Cernier, Fontainemelon (einige Hagelkörner), La Chaux-de-Fonds (4^{22}–4^{30} p sieben starke, 4^{35}–4^{45} p einige sehr starke el. Entladungen), La Ferrière („alle 4 Minuten Blitz und Donner"), M^t^ Soleil; Blitz und Donner: Chaumont, Champ-Fahy, Bellelay; Donner: Les Ponts, Chaluet. **T** II, 3.
	k	763	24	$4^{1}/_{4}$–6 p	W	E	39	52	●	Vom Stammheimerberg ↖ gegen den mittleren Bodensee ziehend: Kalchrain, Müllheim, Romanshorn, Arbon; Blitz und Donner: Hochfelden (im E), St. Gallen und Teufen (im N). **T** II, 3.
	l	764	20	$5^{1}/_{2}$–6 p	SW	NE	.	.	●	↖, l, am Murtensee (Avenches, Murten) und m, im mittleren Wallis (Sierre
	m	705	18	8–10 p						[„in einer Stunde 9 $^{m}/_{m}$ Regen"], Varen, Leukerbad; Donner: Hérémence). **T** II, 3.
	.	766	18	10–11 p	.		.	.	●²	↖ westlich und östlich vom Lago Maggiore: Mosogno, Bellinzona (32.0 $^{m}/_{m}$); Blitz und Donner: Crana, Donner und ↖-Regen: Lugano.
» 5	a	763	20	1^{25}–2^{30} p	SW	NE	40	40	● ▲	Von der Berra ↖-Zug gegen Buchholter- und Kurzenberg; Grenze im N: La Roche, Schwarzenburg, Bern, Grosshöchstetten („2^{20}–2^{23} p ▲ wie Erbsen und kleine Haselnüsse"), Lauperswil, im S: Boltigen, Steffisburg, Eggiwil; Blitz und Donner aus dem ↖-Gebiet: Champ-Fahy; Donner: Solothurn. Hagel, vide Ergänzungen b. **T** II. 4.
	b	763	22	2^{35}–5^{30} p	SW	NE	50	25	● ▲	Aus dem obern Glattal ↖ gegen den Bodensee ziehend: Hinwil, ferner innerhalb der Grenzen, im N: Fehraltorf, Thundorf, Weinfelden, Romanshorn, im S: Bachtel, Flawil, Arbon. Stollen-Neuthal und Tobel b. Affeltrangen ↙. Donner aus dem ↖-Gebiet: Lachen, Uster, St. Gallen. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** II, 4.
	c	763	23	3–4 p	W	E	.	.	●▲	↖- Zug, c, vom Napf gegen den westlichen Vierwaldstättersee (Entlebuch,
	e	761	22	3^{35}–5 p	W	E	.	.	●	Buchsteg, Luzern; Blitz und Donner: Luthern; Hagel: Schüpfheim, Hasle) und kleines ↖, e, zwischen Ergolz- und Sisselnmündung (Rheinfelden, Möhlin; Donner: Basel, Pfeffingen, Waldenburg, Wintersingen, Lampenberg, Schleitheim). **T** II, 4.

*) Necker, ein Nebenflüsschen der Thur.

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Juni 5	d	763	22	3–5 p	WSW	ENE	45	36	● ▲	Von der Reuss- und Limmatmündung ↖ über die Lägern zum Seerücken und untern Bodensee: Baden, Niederhasli, Eschenz, Frauenfeld ∠, Haidenhaus, Steckborn, Kreuzlingen; Blitz und Donner: Wilchingen; Donner: Lohn. Hagel: Hüttwilen. **T** II, 4.
	f	763	21	4–5^{30} p	SW	NE	60	48	● ▲	↖-Zug vom Zürcher Obersee ins Appenzeller Hügelland: Rapperswil, Ebnat, Lichtensteig, Urnäsch, Appenzell, Degersheim, Herisau, Teufen, Schwäbrig, Heiden; Donner: Säntis, St. Gallen. Hagel: Kaltbrunn, Rieden, Wintersberg (Gemeinde Kappel), Nesslau. **T** II, 4.
» 6	a	764	19	3^{30}–4^{15} a	SW	NE	.	.	●	Zwei kleine ↖, a, am Ceresio (Ponte Tresa, Lugano), c, zwischen Albis u. Forch (Adliswil, Zollikon ▲; Blitz u. Donner: Zürich; Donner: Sihlwald, Wädenswil).
	c	767	11	9^{30}–9^{50} p	W	E	.	.	● ▲	
	b	762	17	4$^{1}/_{2}$–7 p	.		.	.	●	↖-Gruppe im untern Tessin: Borgnone, Brissago, Bellinzona; Donner: Crana.
» 2.,4.,5.,6	.	.	.	.	.		.	.	●	Lokale ↖, vide Nachträge a.
» 15	a	767	22	1$^{1}/_{2}$–4 p	SW	NE	60	30	●	Aus dem Quellgebiet der Saane ↖ zum Faulhorn ziehend: Gsteig, Lauenen, Adelboden, Kienthal, Beatenberg, Lauterbrunnen, Eigergletscher, Grindelwald ∠; Donner: Château-d'Oex, Wimmis. Im übrigen, vide Ergänz. a.
	b	767	21	3–5 p	NE	SW	30	30	●	↖ im neuenburgisch-französischen Doubsgebiet: La Chaux-de-Fonds („Blitz und Donner nahe im W, hier kein Regen"), Les Brenets (48.1 $^{m}/_{m}$), La Brévine, St. Sulpice; Blitz und Donner: La Ferrière, Champ-Fahy, Payerne; Donner: Chaumont, Cernier, Neuchâtel, Montcherand, Le Sentier (↖-Regen).
» 16	a	765	24	12^{30}–2^{30} p	SW	NE	.	.	●	↖ im Neuenburger und Berner Doubsgebiet: Les Brenets, Saignelégier; Blitz u. Donner im W u. NW: La Chaux-de-Fonds, La Ferrière [„6–8 km im NW nach N"]; Donner: Neuchâtel, Chaumont, Champ-Fahy. **T** II, 5.
	.	765	24	3–4 p	.		.	.	●	Vereinzelte ↖ zwischen Mont Suchet und Source de l'Orbe: La Limasse, Vallorbe; Blitz und Donner: Montcherand; Donner: Payerne. **T** II, 5.
	b	765	23	3$^{1}/_{2}$–5 p	SE	NW	40	40	● ▲	↖-Zug von der Jungfrau gegen den Belpberg: Eigergletscher, Grindelwald, Lauterbrunnen, Interlaken, Kienthal, Wimmis, Thun. Hagel, vide Ergänzungen b. **T** II, 5.
	c	765	25	4–6 p	SSW	NNE	40	20	●^{2} ▲	Von D^{t}-de-Lys und Moléson ↖ zum Gurten ziehend; Grenze im W: Châtelard, Essert, im E: Jaun, Oberbalm; Donner: Neuchâtel. La Roche meldet: „↖ formidable, 33.3 $^{m}/_{m}$ d'eau". Hagel, vide Ergänzungen b. **T** II, 5.
» 15., 16	.	.	.	.	.		.	.	●	Lokale ↖, vide Nachträge a.
» 17	a	765	18	11 a–1 p	E	W	20	10	●^{2} ▲	↖-Zug vom Chasseral in die Franche-Comté: St. Imier, M^{t} Soleil, Villeret ∠, La Ferrière ∠, Les Bois ▲, ∠, La Chaux-de-Fonds, La Chaux-d'Abel ∠, Les Brenets ∠ (42.5 $^{m}/_{m}$); Donner: Cernier, Biel, Moutier. Im übrigen, vide Ergänzungen a. **T** II, 6.
	.	765	18	12–1 p	.		.	.	● ▲	Kleines ↖ an der untern Sorne, sowie zwischen Scheultequelle und Birs. Donner in Pfeffingen, Solothurn, Reigoldswil. Hagel: Glovelier, Bärschwil. **T** II, 6.
	b	763	25	1^{30}–6^{45} p	SW	SE	125	36	■ ▲^{2}	Von den Bergen westlich der Rhonemündung ↖-Zug ins Quellgebiet der Wigger, vom Thunersee weg einen Zweig gegen das Gotthardmassiv sendend; Grenze des Stammes, im W: Villeneuve, La Valsainte, St. Antony, Affoltern i. E., Reiden; im SE und E: Chessel, Aigle, Gsteig, Wimmis, Heiligenschwendi, Escholzmatt, Wolhusen; Wichtrach b. Münsingen ∠. Einige Stationen der Abzweigung: Sigriswil ▲, Beatenberg, Lauterbrunnen, Grindelwald, Eigergletscher ▲, Guttannen, Andermatt; Donner aus dem ↖-Gebiet: Freiburg, Bern, St. Urban. Hagel im ↖-Stamm, vide Ergänzungen b.
						E	135	27	● ▲	
	c	762	27	2–3^{20} p	SW	NE	.	.	● ▲	Zwei kleine ↖-Züge, c, vom Schwarzwald her am Hohen Randen vorbeiziehend (Höchenschwand, Hallau [„im NW nach NE"]; Donner: Schleitheim, Lohn, Schaffhausen, Wilchingen) und f, aus dem Oberelsass zur Ergolzmündung (Allschwil ▲, Binningen, Burgfelden ▲, Basel ▲ 4^{08}–4^{12} p, Augst; Donner: Liestal, Lampenberg; St. Jakob ∠). **T** II, 6.
	f			3^{25}–4^{25} p	W	E	.	.		
	d	763	25	2^{30}–4^{10} p	W	E	.	.	● ▲	↖ im Waadtländer und Freiburger Hügelland: Lucens, Esmonts ▲, Bionnens ▲, Romont, Marsens ▲; Donner: Freiburg. **T** II, 6.
	e	763	27	3^{15}–3^{35} p	W	E	.	.	●	Von der Schafmatte ↖, e, gegen die Gislifluh (Aarau [„W 5 km nördlich nach E"]; Donner: Langenbruck) und aus dem mittleren Rhonetal ↖, g, gegen die Gemmi (Siders, Varen, Leukerbad; Blitz und Donner: Sion, Mayens s. Sion). **T** II, 6.
	g	764	20	3$^{1}/_{2}$–4$^{1}/_{2}$ p	SW	NE				
	h	764	25	4$^{1}/_{4}$–6 p	SW	NE	42	42	●^{1}	Von der Source de l'Orbe ↖ über Suchet und Chasseron ziehend: Vallorbe, Baulmes, La Limasse, Vuitebœuf (24.7 $^{m}/_{m}$ in weniger als einer Stunde), Yverdon, St. Sulpice, Boudry; Blitz u. Donner: Payerne, Montcherand. **T** II, 6.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juni 17	i	764	26	$5^{1}/_{2}$–8^{20} p	W	E	50	20	●	K-Zug vom Urner Frohnalpstock zu den Glarner- und St. Galler-Alpen: Sisikon, Bisisthal, Klönthal, Linthal (nahe im N vorbei), Glarus, Elm, Weisstannen; Blitz und Donner: Rickenbach; Donner: Weggis, Lungenstutz, Altdorf, Mettmenstetten, Obstalden. **T** II, 6.
	k	764	26	5^{55}–7 p	SE	NW	.	.	●	Zwei mehr lokale K, k, vom Titlis ins Melchtal (Engelberg [nahe im S]; Donner aus S: Stans, Weggis 6 p) und l, am Rigi (Vitznau, Rigi-Scheidegg, Rigi-Kulm; Blitz und Donner: Walchwil). **T** II, 6.
	l	764	20	7–8 p						
	.	764	25	6–9 p	.		.	.	●	Vereinzelte K im Südwesten: Les Rouges 6 p, Genf 8 p, Cossonay 9 p. **T** II, 6.
» 18	a	763	22	12^{30}–3^{15} p	SW	NE	48	32	●	Vom Col de la Ferrière (Jougne) K in das französische und neuenburgische Juragebiet: La Limasse, Baulmes, Les Ponts, St. Sulpice, Les Brenets, La Chaux-de-Fonds, La Ferrière („K s'est principalement déchaîné sur France"); Donner: Neuchâtel, Champ-Fahy. **T** III, 1.
	b	762	24	2–5^{15} p	W	E	66	44	●▲	K-Zug aus dem Pruntrut in den Basler Jura: Bressaucourt ▲, Porrentruy ▲, Fontenais ▲, Courgenay ▲, Boécourt ▲, Pfeffingen, Arisdorf, Waldenburg, Liestal, Lampenberg (22.9 mm), Wintersingen; Blitz und Donner: Bellelay, Binningen, Basel („5 km südlich nach E"). **T** III, 1.
	c	763	25	$4^{1}/_{2}$–7^{20} p	SW	NE	42	21	●	Zwei schmale K-Züge, c, vom Tödi gegen die Scesaplana (Linthal, Elm, Weisstannen, Sargans; Blitz und Donner: Klönthal, Obstalden, St. Gallen, Appenzell, Säntis, Walenstadt, Seewis) und d, von der Dôle und dem westlichen Leman zum Neuenburgersee (Nyon, Les Rouges, Cossonay, Montcherand, Yverdon; Donner: Lausanne). **T** III, 1.
	d	763	22	4^{50}–$7^{1}/_{2}$ p	SW	NE	55	44		
	e	763	25	$4^{3}/_{4}$–7 p	W	E	.	.	●▲	Vom Niesen K, e, zur Jungfraugruppe (Wimmis, Frutigen, Kienthal, Lauterbrunnen, Eigergletscher, Grindelwald <) und vom Napf K, f, zum Sonnenberg bei Luzern ziehend (Escholzmatt, Romoos ▲, Entlebuch, Buchsteg; Blitz und Donner: Pilatus; Donner: Altdorf, Isenthal). **T** III, 1.
	f	763	25	5–6 p	SW	NE	.	.		
	g	763	24	5^{15}–6^{30} p	SW	N NE	53	53	●	Aus dem untern Rhonetal K in die Waadtländer und Freiburger Alpen ziehend, begrenzt von Chessel, Château-d'Oex, La Valsainte im W, Aigle, Gsteig, Lauenen und Jaun im E; Blitz und Donner aus dem K-Gebiet: Zweisimmen; Donner: Clarens 5^{37}–5^{40} p, Boltigen. **T** III, 1.
	h	763	25	5^{30}–8^{30} p	W	E	.	.	●△⁰ ●	Zwei kleine K, h, im Quellgebiet der Muota (Bisisthal; Blitz und Donner im S nach E: Rickenbach 6^{10}–6^{15} p △⁰) und l, von der Lägern gegen den Iselisberg (Hochfelden, Niederneunforn). **T** III, 1.
	l	763	25	8–9 p	SW	NE	.	.		
	i	763	25	6–9^{30} p	SW	NE	75	30	●² ▲⁰	Aus dem Lorzegebiet K-Zug gegen den Bodensee; Grenze im NW: Mettmenstetten, Kollbrunn, Frauenfeld (18.8 mm), Steckborn (22.8 mm), Kreuzlingen, im SE: Zug, Stäfa, Bischofszell, Arbon; Blitz und Donner aus dem K-Gebiet: Muri, Luzern, Lachen, Zollikon, Wädenswil, Winterthur, Diessenhofen, Schaffhausen, Steina. Rhein, Eschenz; Donner: Einsiedeln, Zürich, Wilchingen. Hagel: Fehraltdorf <, Kirchberg, Frauenfeld. Im übrigen, vide Ergänz. a. **T** III, 1.
	k	763	24	7–10 p	SW	NE	27	18	●	Aus dem Neuenburger Bergland K gegen den Montoz ziehend: Serrières, La Chaux-de-Fonds, La Ferrière, Neuchâtel, Chaumont, Champ-Fahy; Blitz und Donner: Les Brenets; Blitze: La Brévine, Bellelay, Basel, Avenches; Donner: Lausanne, Clarens, Solothurn. **T** III, 1.
	m	763	25	8^{15}–9 p	SW	NE	.	.	●	Von der Baldern (Albis) K, m, zum Pfäffikersee (Thalwil, Küsnacht, Uster, Fehraltorf; Blitz und Donner: Zürich 8^{25}–8^{55} p im SW und S vorbei nach E, vide auch Ergänzungen a) und, westlich an Basel vorbeiziehend, K, o (Blitz und Donner: Basel [5 km westlich], Arisdorf, Augst; Donner: Schleitheim; Wetterleuchten: Rheinfelden, Liestal, Lohn). **T** III, 1.
	o	762	26	10^{19}–11^{25} p	S	N				
	n	763	24	9–10 p	SW	NE	50	50	●² ▲	K-Zug vom Zürcher Obersee ins Appenzellerland: Oberkirch, Lichtensteig („in einer Stunde 49.0 mm Niederschlag"), Appenzell, Heiden; Donner: St. Gallen. Hagel: Lichtensteig, Urnäsch. **T** III, 1.
» 19	a	762	24	12^{30}–1^{55} p	NW	SE	55	44	●³ ▲⁰	Aus dem Wiesental K-Zug gegen das aargauische Seetal: Augst, Rheinfelden, Wintersingen, Wittnau, Aarau (1^{35}–1^{38} p ▲⁰), Kölliken („vier starke Donner, einer im NW, zwei über der Station und einer östlich"), Kulm; Blitz und Donner: Liestal; Donner: Basel, Reigoldswil, Bennwil, Böttstein. **T** III, 2.
	b	764	21	1^{40}–3^{15} p	SW	NE	39	26	●▲	K aus dem Schwarzwassergebiet zum Napf ziehend: Rüeschegg, Eggiwil, Grosshöchstetten, Langnau; Blitz und Donner: Bern 1^{50} p (im SW). Hagel: Äschlen, Ausserbirrmoos. **T** III, 2.
	c	763	23	$2^{1}/_{2}$–3 p	NW	SE	.	.	●	Zwei kleine K, c, im obern Murgtal (Wängi, Aadorf, Eschlikon; K-Regen: Nollen) und d, im Quellgebiet von Saane und Simme (Lauenen, Zweisimmen). **T** III, 2.
	d	764	21	2^{40}–$3^{1}/_{2}$ p	SW	NE				

Datum	Bezeichnung des Zugs od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges		Zurückgelegter Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juni 19	e	764	23	2^{50}–5^{30} p	W	E	104	52	●² ▲	Von der Röthifluh (Weissenstein) her ↖, mit Ausbreitung gegen das Entlebuch, zum Speer ziehend; Grenze im N: Balsthal, Zollikon, Ricken, im S: Wangen a. Aare, Entlebuch, Walchwil, Einsiedeln, Rieden (Kaltbrunn); Blitz und Donner aus dem ↖-Gebiet: Kölliken, Aarau („4 km südlich"); Donner: Zürich (im SW, S und SE), Rickenbach (Schwyz), Hinwil. Grosse Niederschlagsmengen und Hagel, vide Ergänzungen a und b. **T** III, 2.
	f	763	23	3^{30}—4^{15} p	NW	SE	28	56	●	Andeutung eines ↖-Zuges, f, vom Onsernonetal zum Ceresio (Mosogno, Borgnone, Brissago, Ponte Tresa; Blitz und Donner: Lugano; Donner: Crana) und kleines ↖, h, im Appenzeller Vorderland (Schwäbrig, Heiden; Donner: St. Gallen, Teufen, Altstätten. **T** III, 2.
	h	763	20	5^{30}—7 p	SW	NE	.	.		
	g	764	23	3^{55}–7 p	NW	SE	72	48	● ▲	Aus dem Klettgau ↖ gegen das obere Murgtal und den Bodensee ziehend; Grenze im N und NE: Schleitheim, Lohn, Kreuzlingen, Altnau; im SW und S: Wilchingen, Aadorf, Eschlikon, Bischofszell, Arbon. Grosse Tagesniederschläge: Lohn 33.5 $^m/_m$, Diessenhofen 31.4 $^m/_m$. Diessenhofen u. Willisdorf ↙. Hagel: Frauenfeld und Reuti (Weinfelden). **T** III, 2.
» 11..19..20	.	.	.	.	.	.	.	.	●	Lokale ↖, vide Nachträge a.
» 21	a	763	13	3–4 p	W	E	.	.	●	Von ↖ am Südfuss des Schwarzwald herrührend, Donner beobachtet in Basel, Möhlin, Wintersingen, Lampenberg.
	b	764	13	$4^1/_2$–$5^1/_2$ p	SW	NE	.	.	● ▲	Andeutung eines Zuges vom untern Entlebuch gegen den Zugersee: Romoos ▲, Küsnach ▲, ebenso Hagel in Werthenstein, Root, Udligenswil.
» 24	a	762	20	12^{10}–3 p	W	E	120	60	● ▲	Aus dem Bergland zwischen Scheulte und Birs ↖-Zug ins mittlere Thurgebiet: Mervelier (nahe im E), dann Grenze im N: Pfeffingen, Liestal, Zurzach, Andelfingen, Weinfelden, im S: Langenbruck, Aarau, Baden, Eschlikon, Nollen; Blitz und Donner aus dem ↖-Gebiet: Möhlin, Wil-Rafz, Rheinau, Schaffhausen, Stein a. Rhein; Donner: Olten, Kölliken, Zürich (1^{43} und 1^{50} p im N), Lohn. Hagel: Sulz, Gansingen, Steinmaur, Neerach. **T** III, 3.
	b	762	19	1^{05}—1^{30} p	SW	NE	.	.	●	Drei kleine ↖, b, aus dem Alptal gegen den Ricken (Einsiedeln, Lachen, Oberkirch; Donner: Uster, Hinwil), g, zwischen Brünig und Stanserhorn (Lungern, Sarnen [↖-Regen = 10.0 $^m/_m$]) und h, von Schafberg und Gastlosen gegen Blume und Sigriswilergrat ziehend (Boltigen, Wimmis (24.6 $^m/_m$), Heiligenschwendi ▲). **T** III, 3.
	g	764	18	5^{30}–0 p			.	.	●	
	h	764	18	6–7 p			27	30	●² ▲	
	c	763	18	2^{15}–4^{10} p	SW	NE	90	60	● ▲⁰	↖-Zug vom Creux-du-Van dem Neuenburger Jura entlang ins Aaregelände bis zur Langetenmündung: Les Ponts, Boudry, Cernier, Neuchâtel, Champ-Fahy, Biel, Solothurn (in 15 Minuten = 4.4 $^m/_m$), Balsthal, St. Urban. Hagel: La Ferrière („2^{08}–2^{12} p averse de grêle assez dense [„pois et noisettes"] sans autre manifestation orageuse"). **T** III, 3.
	d	762	20	2^{20}–3^{35} p	W	E	48	64	● ▲⁰	Aus der Balsthaler Klus ↖ zum Uto ziehend: Olten, Aarau (3^{05}–3^{08} p ▲), Kölliken, Kulm, Bremgarten, Zürich („3^{23} p am nächsten"); Blitz und Donner: Lampenberg, Allerheiligen; Donner: Wädenswil, Hinwil. Im übrigen, vide Ergänzungen a. **T** III, 3.
	e	763	16	4^{20}–8^{15} p	WSW	ENE	91	21	● ▲	Vom Pilatus her ↖-Zug ins Alpsteingebiet; Grenze im N: Root, Unterägeri, Etzel, Ebnat, Appenzell, im S und SE: Stans, Brunnen, Glarus, Haag; Donner aus dem ↖-Gebiet; Sihlwald, Hinwil; Blitze: Bachtel. Grosse Tagessummen des Niederschlags und Hagel, vide Ergänzungen a u. b. **T** III, 3.
	f	762	18	5^{15}–6 p	W	E	36	48	● ▲	↖ zwischen Lägern und Nollen: Glattbrugg, Winterthur, Aadorf, Tannegg; Blitz und Donner im S: Hallau, Wilchingen; Donner im NE: Dietikon, Zürich 5^{15}, 5^{24} und 5^{44} p. **T** III, 3.
» 21..22..24	.	.	.	.	.	.	.	.	●	Lokale ↖, vide Nachträge a.
» 27	a	765	13	1–2 p	NW	SE	.	.	●² ▲	Zwei kleine ↖, a, vom Randen zum Rodenberg (Schaffhausen [Platzregen und ▲ $1^1/_2$–2 p, um 9 p = 25.3 $^m/_m$ gemessen], Diessenhofen; Donner: Wil-Rafz, Lohn) und c, an der mittleren Emme (Burgdorf, Langnau [23.5 $^m/_m$]; Donner: Solothurn 2^{30} p im SE, Wasen [22.8 $^m/_m$], Eggiwil). **T** III, 4.
	c	764	15	$2^1/_2$–3 p					●	
	b	764	14	2–$3^1/_2$ p	NW	SE	70	56	●² ▲	Von der Langetenmündung ↖ gegen den Urner Frohnalpstock ziehend: St. Urban, Luthern, Luzern ↙ (32.7 $^m/_m$), Küsnach (37.7 $^m/_m$), Rigi-Kulm (52.8 $^m/_m$), Weggis (47.0 $^m/_m$), Vitznau (51.5 $^m/_m$), Rigi-Scheidegg ▲ (55.8 $^m/_m$), Rickenbach (42.0 $^m/_m$); Donner: Engelberg. **T** III, 4.
	d	765	12	3–$3^1/_2$ p	SW	NE	.	.	●	Zwei ↖ von geringer Ausdehnung, d, aus dem Knonauer Amt zum Pfannenstiel (Mettmenstetten [23.1 $^m/_m$], Zürich [3.10 p ↙-Schlag ganz nahe], Zollikon [31.9 $^m/_m$]; Donner: Wädenswil, Sihlwald [36.3 $^m/_m$]) und e, vom Sigriswilergrat zur Jungfrau ziehend (Beatenberg, Lauterbrunnen). **T** III, 4.
	e	764	13	$3^1/_2$–4 p	NW	SE				

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Juni 27	f	765	12	4—4^{40} p	W	E	.	.	●^{2} ▲	Zwei kleine ↖, f, vom Etzel in die March (Lachen [4^{25}–4^{40} = 13.3 $^{m}/_{m}$, 4^{40} p–7^{30} a = 30.8 $^{m}/_{m}$]; Donner: Wädenswil, Iberg; Hagel: Wollerau, Feusisberg, Freienbach) u. h, vom Napf gegen Pilatus u. Sonnenberg (Luthern, Doppleschwand ▲, Weggis; Donner: Rigi-Kulm, Sarnen, Isenthal [69.7 $^{m}/_{m}$]). **T** III, 4.
	h	765	13	5—6 p						
	g	765	13	4$^{1}/_{2}$–6 p	W	E	84	56	● △ ▲	Aus dem Gebiet zwischen Lägern und Rhein ↖-Zug gegen den obern Bodan: Hochfelden △, Winterthur, Thundorf, Weinfelden, Romanshorn, Bischofszell, St. Gallen („Eiskörner im Regen"), Heiden; Blitz und Donner: Schwäbrig; Donner: Altstätten. Durch g induziert ↖ in Steckborn (5$^{1}/_{2}$–6 p ●^{2} mit ▲, Haidenhaus Donner). Hagel, vide Ergänzungen b. **T** III, 4.
	i	765	12	5^{15}—6 p	S	N	.	.	●^{2}	Ein ↖, i, zwischen Pfannenstiel und Allmann (Grüningen, Bachtel ↙, Hinwil [9$^{1}/_{2}$ p = 17.2 $^{m}/_{m}$, s = 47.1 $^{m}/_{m}$], Pfäffikon, Fehraltorf), ein anderes, k, vom Appenzeller Mittelland zum Alpstein (Hundwil, Appenzell, Säntis [66.6 $^{m}/_{m}$]; Blitz und Donner: Altstätten [37.7 $^{m}/_{m}$]; Donner: St. Gallen; ↖-Regen: Heiden [30.5 $^{m}/_{m}$]). **T** III, 4.
	k	764	11	9—10 p	NW	SE				
» 28	a	766	13	1—2 a	NW	SE	.	.	●	Drei kleine ↖, a, zwischen M^{t} de Develier und Raimeux (Delémont, Choindez ↙), b, zwischen Schimberg und Titlis (Sarnen, Engelberg) und c, vom Frohnalpstock gegen den Etzel (Rickenbach, Einsiedeln).
	b	766	11	2—3 a	SW	NE				
	c	766	11	2$^{1}/_{4}$—3 a	SW	NE				
	d	766	11	3$^{1}/_{2}$—4 a	W	E	.	.	● ▲	↖, d, im Lütschinengebiet (Lauterbrunnen, Grindelwald) und e, zwischen dem obern Zürichsee und dem Hohen Ronen (Sihlwald, Wollerau ▲, Feusisberg ▲, Freienbach ▲, Lachen; Donner: Mettmenstetten, Muri).
	e	766	10	6—6^{20} a	NW	SE	.	.		
» {25.–26. / 27.–28.}	.	.	.	.	.	.	.	.	●	Lokale ↖, vide Nachträge a.
Juli 8	a	759	13	12$^{1}/_{2}$–1 p	W	E	.	.	● ▲	Kleines ↖ vom Bielersee z. alten Aarelauf: Biel ▲^{0}, Oberwil ▲; Donner: Freiburg.
	b	759	14	2–3^{40} p	WNW	ESE	42	28	●	Vom Leimental her ↖ gegen die Suhrmündung ziehend: Therwil, Pfeffingen, Lampenberg, Liestal, Eptingen („el. Entladungen stark und ziemlich häufig"), Kilchberg, Allerheiligen, Aarau; Blitz und Donner: Basel, Wintersingen („im S nach SE").
3.–5. 6.–8.	.	.	.	.	.	.	.	.	●	Lokale ↖, vide Nachträge a.
» 14	a	702	24	7^{30}—8^{40} p	WNW	ESE	.	.	●	↖, a, in den Freiburger und Berner Voralpen (La Roche, Jaun, Boltigen; Blitz und Donner: Champ-Fahy; Blitze: Bern, Heiligenschwendi), und ↖-Zug, b, aus dem Leimental gegen den Hauenstein (Basel [3 km südlich vorbei], Liestal, Arisdorf, Böckten, Rheinfelden (südl. vorbei), Wintersingen, Kilchberg). **T** III, 5
	b	702	25	7^{40}–9^{15} p						
	c	762	20	8—9^{1} p	NW	ESE	.	.	● ▲ ●	Zwei kleinere Züge, c, vom Hauenstein gegen Linden- und Hasenberg (Grenze im N: Aarau, Dietikon, im S: Zofingen, Muri; Blitz und Donner: Baden, Zürich; Hagel: Schafisheim, Staufen, Lenzburg, Mägenwil; im übrigen, vide Ergänzungen a) und d, von der Kleinen Scheidegg zum Oberalppass (Grindelwald, Guttannen, Göschenen, Andermatt; ↖-Regen: Airolo). **T** III, 5.
	d	762	21	8^{15}–9^{15} p		E	50	50		
	e	763	25	8^{20}–10^{30} p	SW	NE	115	58	●	Vom Brünig her ↖-Zug ins Appenzeller Mittelland; Grenze im NW: Lungern, Walchwil, Bachtel, Wil ↙, St. Gallen, im SE: Engelberg, Altdorf („sehr häufige und heftige elektr. Entladungen"), Iberg, Wesen, Säntis, Appenzell; Blitz und Donner aus dem ↖-Gebiet: Bisisthal, Obstalden (im N), Wildhaus; Donner: Uster, Wädenswil (5 km im SE), Hinwil (8—10 km südöstlich), Altstätten, Heiden, Rorschach; Blitze: Winterthur. **T** III, 5.
	f	762	26	8^{30}–9^{10} p	W	E	.	.	●	↖ zwischen Mündungsgebiet der Wutach und der Glatt, Töss und Thur: Zurzach, Wilchingen, Hochfelden, Andelfingen; Blitz und Donner: Schleitheim, Hallau, Haidenhaus; Blitze: Basel. **T** III, 5.
	g	762	26	9—10$^{1}/_{2}$ p	SW	NE	.	.	●	↖, g, im neuenburgisch-französischen Doubsgebiet (La Brévine, Les Brenets, La Chaux-de-Fonds, La Ferrière; Blitz und Donner: Cernier; im übrigen, vide Ergänzungen a) und i, zwischen Aroser Rothorn und Flüelapass (Arosa, Davos; Blitz und Donner: Seewis). **T** III, 5.
	i	761	15	11—11$^{1}/_{2}$ p	W	E				
	h	761	19	9^{15}–10^{30} p	SW	NE	60	60	●	Vom Tödi her ↖-Zug gegen Falknis und Lichtensteiner Berge: Linthal, Elm, Weisstannen, Walenstadt ↙, Haag; Donner und ↖-Regen: Klönthal, Glarus. **T** III, 5.
» 14/15.	a_1	759	19	10$^{1}/_{2}$ p–2 a	NW	SE	75	25	● ▲	Aus dem Oberelsass ↖-Zug in das Gebiet der Reuss und der Kleinen Emme, mit östlichem Ausläufer, a_1, ins mittlere Thurgebiet; Grenze im SW: Metzerlen, Mervelier, Herbetswil, Herzogenbuchsee, Luthern, Escholzmatt, im N: Basel, Aarau, Baden, Winterthur, Frauenfeld; südlicher Rand des Ausläufers a_1: Sursee, Sihlwald Wil (St. Gallen); nordöstlicher Rand des nach SE fortschreitenden Hauptzuges: Sursee, Root; Blitz und Donner aus dem ↖-Gebiet: Wädenswil (3 km im N nach E), Lohn, Hinwil (4 km im NW). Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** III, 6.
	a	759	19	1 a–3 a	W	E	30	20		

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Juli 14/15	b	759	19	$10^{3}/_{4}$ p–$1^{3}/_{4}$ a	W	E	108	36	●	Aus dem südlichen Schwarzwald (Albmündung) heftiges ↖ langsam gegen den Bodensee schreitend; Grenze im N: Südhang des Schwarzwald, Hallau, Diessenhofen, Kreuzlingen, im S: Laufenburg, Böttstein, Niederhasli, Dussnang, Flawil, Rorschach. Weinfelden und Frauenfeld ≺. **T** III, 6.
	c	760	20	0^{h}–2 a	N	S	48	64	●	↖-Zug aus dem Grossen Moos gegen den Oberlauf der Saane: Murten, Freiburg, Marsens, Château-d'Oex; Blitz und Donner: Champ-Fahy. **T** III, 6.
	d e	759 760	19 20	0^{05}–2 a 2^{30}–3^{30} a	W	E	45	60	●	Zwei kleine ↖-Züge, d, aus dem Schwarzwald zum Überlingersee (Schleitheim, Hallau, Rheinau, Schaffhausen, Lohn [„zahlr. Entladungen"], Diessenhofen, Stein a. Rhein [„zahlreiche, starke Entladungen"]) u. e, vom Lindenberg gegen den Ricken (Mettmenstetten, Wädenswil, Zürich [„südlich vorbei, 2^{45} a am nächsten"], Lachen, Oberkirch; Blitz und Donner: Winterthur). **T** III, 6.
» 11.,14/15., 15.	.	.	.	.			.	.	●	Lokale ↖, vide Nachträge a.
» 16	a	761	13	1–4 a	W	E	.	.	●²	Andeutung eines ↖-Zuges mit reichlichen Niederschlägen aus dem Lugnez ins Oberhalbstein: Vrin (77.5 mm), Splügen („heftiger Donner um 1 und 4 a mit nachfolgendem Platzregen = 59.0 mm"), Thusis (37.0 mm), Savognin (44.8 mm). **T** III, 6.
	b	758	20	6–7^{30} a	SW	NE	.	.	●²	Aus dem Gebiet zwischen Ceresio und Verbano ↖ durch das untere Tessintal ins Calanca und Misox ziehend; Grenze im NW: Brissago, Locarno (25.9 mm), Biasca, Braggio (52.0 mm), im SE: Ponte Tresa, Lugano, Grono (45.0 mm); Donner: Platta. Regenmenge 15./16. in Bellinzona = 80.1 mm. **T** III, 6.
» 16., 20	.	.	.	.			.	.	●	Lokale ↖, vide Nachträge a.
» 22	a	763	18	2^{30}–4^{50} p	W	E SE	126	56	● ▲²	Vom Vierwaldstättersee ↖-Zug über Calanda u. Scalettapass ins mittl. Engadin: Vitznau, Rickenbach, Muotathal ≺, Glarus, Braunwald ≺, Elm, Plantahof, Chur, Tomils ▲, Arosa, Davos, Zuoz („zwischen Zuoz u. Scanfs 4^{33}–4^{45} p ▲² bis über Haselnussgrösse". Dr. B.); Blitz u. Donner: Obstalden, Walenstadt, Wildhaus, Sargans, Seewis; Donner: Wädenswil, Lachen, Hinwil. **T** IV, 1.
	b	761	15	4–5^{45} p	WNW	ESE	58	45	● ▲	↖-Zug aus dem Lugnez ins Oberengadin: Vrin, Vals, Andeer, Savognin, St. Moritz, Bevers („5^{25}–5^{30} p ▲, 18 el. Entladungen, die ersten 12 rasch aufeinander"). Weitere Bemerkungen, vide Ergänzungen a. **T** IV, 1.
	c	762	19	7–10^{30} p	W	E NE	145	58	●² ▲²	Aus dem mittleren Emmental ↖ über die St. Galler und Appenzeller Alpen ins Rheintal ziehend; Grenze im N: Affoltern i. E., Sempach, Rapperswil, Nesslau, Appenzell, Altstätten, im S: Langnau, Escholzmatt, Alpnach, Altdorf, Schwanden (Glarus), Haag; Blitz und Donner aus dem ↖-Gebiet: Sarnen, Teufen; Donner: Gurtnellen. Rickenbach ≺. Im Gaster und Walenseegebiet Wiederholung des ↖ zwischen 10 und $10^{1}/_{2}$ p (Oberkirch, Obstalden). Weitere Bemerkungen und Hagel, vide Erg. a u. b. **T** IV, 1.
	d	762	18	$7^{1}/_{4}$–$9^{1}/_{2}$ p	W	E	39	26	● ▲	Von Niesen und Blume ↖ ins Haslital ziehend: Heiligenschwendi ▲, Wimmis, Kienthal, Sigriswil ▲, Beatenberg ▲, Interlaken ▲, Grindelwald ▲, Meiringen ▲. **T** IV, 1.
	.	762	19	8–$9^{1}/_{2}$ p	WSW	ENE	33	22	●²	Aus dem obern Sihlgebiet ↖ gegen die Churfirsten ziehend: Einsiedeln (33.8 mm), Unteriberg ≺, Euthal, Lachen, Oberkirch, Obstalden; Blitz u. Donner: Rickenbach, Wädenswil, Hinwil; Donner: Zürich, von $8^{1}/_{2}$ p an hinter d. Hohen Ronen.
	e	762	20	8–10 p	NW	SE	77	44	● ▲	↖-Zug aus der Franche-Comté einesteils in das Gros-de-Vaud und die Freiburger Alpen, andernteils gegen das Quellgebiet der Grossen Emme; Grenze im W und SW: Pontarlier, Vallorbe, Cossonay, Palézieux, Jaun, im NE: Saignelégier, Bellelay, Hindelbank, Eggiwil; südwestlicher Rand des nordöstlichen Ausläufers: Gümmenen, Belp, Schwarzenegg, nordöstlicher Rand des Hauptzuges: Murten, Plaffeien, Boltigen; Blitz und Donner aus dem ↖-Gebiet: Wimmis (im W); Blitze: Solothurn (im S). Hagel: Fontainemelon, Cossonay. Weitere Bemerkungen, vide Ergänzungen a. **T** IV, 1.
	f	762	19	8^{05}–11 p	NW	SE E	162	54	● ▲⁰	Aus dem Oberelsass ↖ über das nordschweizerische Mittelland gegen den Bodensee ziehend; Grenze im N: Basel, Böttstein, Diessenhofen, Kreuzlingen, Langenargen, im S: Delémont, Herzogenbuchsee, Willisau, Muri, Pfäffikon, Heiden; Blitz und Donner aus dem ↖-Gebiet: Wilchingen, Lohn. Hagel in Liestal. Weitere Bemerkungen, vide Ergänzungen a. **T** IV, 1.
	g	762	20	$9^{1}/_{4}$–$10^{1}/_{2}$ p	W	E	90	72	● ▲²	↖-Zug aus dem Quellgebiet der Orbe (Lac des Rousses) über den Leman ins Quellgebiet der Saane; Nordgrenze: Le Sentier, Lausanne, Clarens, Château-d'Oex, Saanen; Südrand: La Cure, Satigny, Veyrier (Genf), Champéry, Gsteig b. S.; Blitz u. Donner im N: Les Mayens s. Sion; ↖-Regen: Leukerbad. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** IV, 1.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juli 22	h	762	18	10—11 p	W	E	.	.	●	Zwei kleine K, h, im Lütschinengebiet (Lauterbrunnen, Grindelwald, Eigergletscher) und i, vom Rhoneknie ins Bagnes-Tal hinauf (Martigny (5.2 m/m), Châble (23.4 m/m); Donner: Hérémence). **T** IV, 1.
	i	762	24	10—11 p	NW	SE				
	k	761	25	11 p–0^{h}	N	S	.	.	●▲	K im untern Sottoceneri: Lugano, Ponte Tresa, M^{te} Generoso; Blitz u. Donner: Crana; Blitze im S: Locarno. Hagel: Riva San Vittale, Mendrisio, Castel San Pietro, Balerna. Im übrigen, vide Ergänzungen a.
22..23./23..24./26	.	.	.	.	.	.	.	.	●	Lokale K, vide Nachträge a.
" 26	.	761	26	4—5 p	.	.	.	.	●	K-Gruppe im Lugnez und am Piz Medels (Platta [heftiger Donner 4^{10} p], Vrin, Vals; Blitz und Donner: Chur, Safien) und kleines K, a, vom Quellgebiet der Ergolz gegen den Winkel zwischen Birs und Schelten (Böckten, Waldenburg, Lampenberg, Mervelier; Donner: Pfeffingen). **T** IV, 2.
	a	762	21	3—4$^{1}/_{2}$ p	NE	SW				
	b	762	20	3^{20}—5^{05} p	SW	NE	.	.	●▲	Zwei kleine K-Züge, b, vom Schilthorn ins Haslital (Lauterbrunnen, Grindelwald, Meiringen ▲, Guttannen ▲; Donner: Lungern, Engelberg) und c, vom Tödi ins Prätigau (Linthal, Elm, Vättis, Schiers; Blitz und Donner: Glarus, Seewis; Donner: Sargans). **T** IV, 2.
	c	762	21	5—8^{30} p	W	E	54	27	●	
	d	762	20	5^{10}–7 p	W	E	24	16	●	Von der Areuseschlucht K gegen Murtensee, Broye und Saane: Boudry, Valangin, Neuchâtel, Ins, Payerne, Murten; Blitz und Donner: Champ-Fahy (6—10 km westlich u. südlich); Donner: Biel, Ferrière; Blitze: La Brévine. **T** IV, 2.
	e	762	22	7$^{1}/_{2}$–9$^{1}/_{2}$ p	W	E	44	22	●▲	K im Gros-de-Vaud zwischen Mont Tendre und Moléson: L'Isle, Cossonay, Moudon, Corcelles ▲, Palézieux; Blitz und Donner: Montcherand („Bavois-Thierrens"), Marsens; Donner: Yverdon. **T** IV, 2.
	f	763	16	9^{15} p–2$^{1}/_{2}$ a (27.)	SW	NE	150	30	●▲	Vom Murtensee K über das schweizerische Hügelland zur Murg ziehend: Murten, Aarberg, St. Urban, Triengen, Burg b. Menziken, Bremgarten, Dietikon, Dübendorf, Fehraltorf, Kollbrunn, Eschlikon; Blitz und Donner: Bern (im N), Solothurn (im S), Langnau, Zürich (1^{25} a des 27. ca. 3 km im N nach E), Zollikon und Uster (im N); Donner: Cernier, Luzern, Sihlwald, Winterthur (fünfmal, stark); Blitze im W: Vitznau. Hagel: Grossaffoltern, Rapperswil, Limpach (Kt. Bern), Kottwil (Kt. Luzern). **T** IV, 2.
	.	762	20	7^{50}—8^{10} p	SW	NE	.	.	●	K im Lütschinengebiet (Lauterbrunnen, Grindelwald) und kleiner Zug, g, aus dem Val d'Illiez ins Quellgebiet der Saane (Champéry, Gryon, Leysin, Gsteig; Blitz und Donner: Clarens). **T** IV, 2.
	g	763	17	11^{40}—1^{20} a						
" 27	a	764	22	1–6^{10} p	SW	NE/E	235	47	●▲^{2}	Aus der südwestlichen Landesecke K-Zug durch das Mittelland zum Zürichsee, eine Abzweigung (Bulle, Marsens, La Roche, La Valsainte) nach der Berra sendend; Grenze im NW und N: Vernier, Longirod, Corcelles, Champ-Fahy, Weissenstein, Olten, Kulm, Küsnacht, Uster, im SE und S: Veyrier (Genf), Morges, Palézieux, Belfaux, Belp, Marbach, Flühli, Buchsteg, Unterägeri, Richterswil; Donner aus dem K-Gebiet: Clarens, Montcherand, Yverdon, Freiburg, La Ferrière, Langenbruck, Waldenburg, Liestal, Rickenbach, Zürich, Hinwil. Weitere Bemerkungen u. Hagel, vide Erg. a u. b. **T** IV, 3.
	b	765	25	1^{10}—4 p	SW	NE	.	.	●	Zwei kleine K, b, vom Sarnersee zum Urirotstock (Sarnen, Stans, Beckenried; Donner: Guttannen, Altdorf, Isenthal, Weggis, Gersau) und c, vom Altmann zum Vorarlberg ziehend (Haag, Oberriet, Dornbirn; Blitz und Donner: Altstätten [4 km im S vorbei], Heiden; Donner: St. Gallen, Sargans, Sevelen). **T** IV, 3.
	c	765	24	2 – 4 p						
	d	764	22	2–4^{30} p	SW	NE/E	72	48	●	Vom Oberlauf der Saane K-Zug in das Gebiet der Simmen, Kander und Lütschinen; Château-d'Oex, Gsteig, Saanen, Lenk, Zweisimmen, Boltigen, Adelboden, Wimmis, Kienthal, Interlaken, Lauterbrunnen, Eigergletscher; Blitz und Donner: Bern („an der Stockhornkette"), Beatenberg. **T** IV, 3.
	e	765	24	2^{45}–6^{10} p	SW	NE	100	44	●△▲	K- Zug vom Pilatus ins Appenzeller Vorderland; Grenze im N und NW: Luzern, Walchwil, Stäfa, Ebnat, St. Gallen, Rorschach, im S und SE: Alpnach, Iberg, Obstalden, Starkenbach, Schwäbrig; Säntis △, St. Gallen 5^{57} p Eiskörner im Regen. Schon 3 p K im Wäggital. Hagel: Waldhalde, Männedorf, Stäfa (Kt. Zürich), Freienbach, Lachen (Kt. Schwyz), Appenzell. **T** IV 3.
	f	764	24	5^{30}–8^{30} p	W	E	60	48	●^{2}▲	Aus dem Schwarzwald K zum Untersee ziehend: Wilchingen, Hallau (24.6 m/m), Schleitheim (17.2 m/m), Rheinau, Schaffhausen, Lohn, Diessenhofen, Stein <, Steckborn; Blitz u. Donner: Zurzach, Wil-Rafz, Winterthur; Donner: Aadorf („K-Sturm ohne Regen"). Hagel: Wilchingen, Gächlingen, Siblingen, Schleitheim. **T** IV, 3.
" 26..26/27 27	.	.	.	.	.	.	.	.	●	Lokale K, vide Nachträge a.

Datum	Bezeichnung des Zugs od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der K oder des Zuges		Zurückgelegt. Weg in km	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Juli 28	a	765	16	$4–6^{30}$ a	W	E	90	52	● ▲	Aus dem Emmental K-Zug zum Glärnisch und Kärpfstock: Wasen, Luthern, Entlebuch, Pilatus ▲, Vitznau, Rigi-Scheidegg, Rickenbach, Bisisthal, Linthal; Blitz und Donner: Gurtnellen, Altdorf, Wädenswil. Hagel, vide Ergänzungen b. **T** IV, 4.
	b	765	13	$7^{15}–9^{1}/_{2}$ a	W	E	70	70	●	Vom Sarnersee K zum Speer ziehend: Sarnen, Buochs, Weggis, Ägeri, Rickenbach, Wädenswil, Rapperswil, Ricken, Oberkirch; Blitz und Donner: Hinwil („ca. zehnmal"); Donner: Muri. **T** IV, 4.
	.	764	16	11 a–1 p	.	.	.	.	.	In Böttstein, Zurzach, Schleitheim und Lohn Donner beobachtet, herrührend von einem K im Schwarzwald.
	c	765	15	12^{30}–4 p	SW	NE	60	24	$●^{2}$ ▲	Vom M^{t} Moron K-Zug gegen Kestenberg und Gisliflub: Moutier, Weissenstein, Herbetswil, Balsthal, Langenbruck, Olten, Aarau < („lange anhaltendes, starkes K, zeitweise starker Platzregen"); Donner: Biel, Solothurn, St. Urban, Reigoldswil, Wintersingen. Hagel: Ädermannsdorf, Matzendorf, Ramiswil. **T** IV, 4.
	d e	763 764	22 21	2^{30}–$4^{1}/_{2}$ p zw. 4 u. 5 p	SW W	NE E	39 .	26 .	●	K, d, aus dem Val-de-Ruz über Chasseral und Seekette zum M^{t} Montoz ziehend (Cernier, Champ-Fahy, Biel, Moutier; Blitz und Donner: Neuchâtel, Bellelay, Lampenberg; Donner: La Ferrière) und kleines K, e, im Quellgebiet der Linth (Linthal, Elm). **T** IV, 4.
» 30	a	759	23	$2^{1}/_{4}$–6 p	SW	NE	180	48	$●^{2}$ $▲^{2}$	Aus der südwestlichen Landesecke K-Zug dem Jurarücken entlang bis zum Weissenstein und Passwang; Grenze im NW: M^{t} Reculet, M^{t} Risoux, Doubslinie, Delémont, im SE: Veyrier (Genf), Morges, Biel, Weissenstein. La Ferrière <; Blitz und Donner: Lausanne. Weitere Bemerkungen u. Hagel, vide Ergänzungen a und b. **T** IV, 5.
	b	759	24	4–7 p	SW	NE	61	27	●	Aus dem Trient- und dem Entremonts-Tal K ins Mittelwallis hinaufziehend: Les Marécottes s. Salvan, Martigny, Orsières, Châble (34.0 $^{m}/_{m}$), Sion, Nax, Hérémence, Siders, Leukerbad; Blitz u. Donner: Les Mayens s. Sion. **T** IV, 5.
	c	759	22	$5–10^{15}$ p	SW	NE	135	27	●	K-Zug vom Albristhorn zum Hausstock und Piz Segnes; Grenze im NW: Adelboden, Frutigen, Interlaken, Meiringen, Engelberg, Isenthal, Weisstannen, im SE: Kandersteg, Furka, Andermatt, Panix, Vättis; Blitz u. Donner aus dem K-Gebiet: Beatenberg, Lungern, Sarnen, Weggis, Rickenbach; Donner: Escholzmatt, Platta. Weitere Bemerkungen, vide Ergänz. a. **T** IV, 5.
	d e	759 759	22 23	6–8 p 6^{30}–8 p	SSW SW	NNE NE	27 42	18 56	●	Zwei kleinere K-Züge, d, vom Quellgebiet der Saane ins obere Simmental (Gsteig, Zweisimmen, Boltigen) und e, von der mittl. Broye zur untern Sense (Moudon, Marsens, Freiburg [„ca. 12 el. Entladungen"], Überstorf). **T** IV, 5.
» 29., 28./29., 30., 31.	.	.	.	.	.	.	.	.	.	Lokale K, vide Nachträge a.
Aug. 4	a	761	24	$4–7^{1}/_{2}$ p	SW	NE	39	26	$●^{2}$	Von der D^{t} de Vaulion K in den westlichen Neuenburger Jura ziehend: Vallorbe, La Limasse (23.4 $^{m}/_{m}$), St. Sulpice, La Brévine; Blitz und Donner: Montcherand („ca. 10 km westlich"). La Ferrière („mehr als 12 km im SSW"); Donner: Yverdon, Les Ponts, Neuchâtel, Chaumont, Champ-Fahy, Biel.
	b	759	28	8^{30}–9 p	SW	NE	.	.	●	Kleineres K zwischen Pizzo di Camoghè und Jariopass; Blitz und Donner: Locarno, Bellinzona, Crana.
» 5	a c	760 759	17 28	11^{30} a–2 p 4–6^{15} p	SW	NE	48 33	48 33	$●▲^{0}$ ●▲	Zwei kleine K, a, vom Hauenstein gegen den Irchel (Eptingen, Aarau [$1^{15–16}$ p $▲^{0}$], Baden, Hochfelden; Blitz und Donner: Kilchberg, Kölliken; Donner: Böttstein, Wil-Rafz, Muri) und c, in der südwestlichen Landesecke (Genf, Les Rouges. Hagel: Pougny [France], Avusy, Avully, Dardagny, Russin, Cartigny, Laconnex [Genf], Myes [Waadt]). **T** IV, 6.
	b	759	25	$3–5^{40}$ p	WSW	ENE	85	34	●	Vom Urner Frohnalpstock und Rophaien K-Zug gegen die Scesaplana; Grenze im N: Rickenbach, Glarus, Obstalden, Sargans, im S: Unterschächen, Linthal, Elm, Schiers; Donner aus dem K-Gebiet: Luzern, Vitznau, Isenthal, Fideris, Seewis. **T** IV, 6.
	d e	760 759	24 22	5^{30}–7^{30} p 7–9 p	SW	NE	. 45	. 45	$●▲^{0}$ ●	Vom Quellgebiet der Thur K, d, ins Rheintal (Wildhaus ▲, Haag; Blitz und Donner: Starkenbach; Donner: Altstätten, Teufen, Herisau) und Hochgewitter, e, aus dem Bleniotal ins Landwassergebiet ziehend (Olivone, Bernhardin, Vrin, Vals, Splügen, Andeer, Thusis, Nisellas, Savognin). **T** IV, 6.
	f	759	25	7^{45}–11^{45} p	NW	SE	128	32	● ▲	K-Zug aus dem Oberemmental zum Bodensee; Grenze im NW: Affoltern i. E., Muri, Zollikon, Frauenfeld, Kreuzlingen, im SE: Escholzmatt, Luzern, Lachen, Arbon; Blitz und Donner aus dem K-Gebiet: Langnau, St. Urban, Zürich, Wil-Rafz, Steckborn; Blitze: Höchenschwand, Wintersingen, Sarnen, Lohn, Heiden; Wetterleuchten: Lauterbrunnen. Hagel: Hitzkirch. Im übrigen, vide Ergänzungen a. **T** IV, 6.

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Aug. 2., 3., 4., 5.	.	.	.	.	.		.	.	.	Lokale K, vide Nachträge a.
» 5/6	a	758	19	11^{30}p–2 a	SW	NE	106	53	● ▲	K-Zug über den Neuenburger, Berner und Solothurner Jura bis zum Hauenstein; Grenze im NW: Doubslinie, Saignelégier, Delémont, Lampenberg, im SE: St. Sulpice, Boudry, Chaumont, Champ-Fahy, Herzogenbuchsee, St. Urban; Blitz und Donner: Neuchâtel (nahe im N), Lyss. Hagel: Aarwangen. Weitere Bemerkungen, vide Ergänzungen a. T IV, 6.
	b	758	18	o–2^{50} a	W	E	115	46	● ▲	Vom Oberelsass her K-Zug rheinaufwärts bis zum Überlingersee; Grenze im N: Südhang des Schwarzwald (Höchenschwand K bis 2^{50} a), Nordhang des Randen, Radolfzell, Überlingen, im S: Therwil, Brugg, Schöfflisdorf, Andelfingen, Kreuzlingen ▲; Donner: Mormont. Im übrigen, vide Erg. a. T IV, 6.
	c	758	21	2^{30}–3^{30} a	W	E	42	56	●	K zwischen oberem Langensee und Comersee: Brissago, Locarno (20.9 m/m), Bellinzona, Crana (51.1 m/m), Ponte Tresa (29.7 m/m), Lugano („schon $10^{1}/_{2}$ p Blitze und K-Regen, von $9^{1}/_{2}$p–$7^{1}/_{2}$a = 67.5 m/m"). T IV, 6.
» 6	a	758	15	10^{20}a–1 p	WSW	ENE	160	72	● ▲	Aus dem nördlichen Doubsgebiet K-Zug gegen den Untersee; Grenze im NNW: Bonfol, Basel, Höchenschwand, Schleitheim, Radolfzell, im SSE: La Ferrière, Moutier, Aarau, Baden, Müllheim; Donner aus dem K-Gebiet: Solothurn, Winterthur („10 km im N nach E"). Hagel: Zeglingen, Rohr, Elfingen, Effingen, Linn. Im weitern, vide Ergänzungen a. T V, 1.
	b	759	15	12^{h}–2^{10} p	W	E	90	52	●² ▲	Aus dem Knonaueramt K gegen die Rheinmündung ziehend: Mettmenstetten Waldhalde (31.1 m/m), Küsnacht, Wädenswil (20.6 m/m), Uster (Zenith 12^{23} und 12^{51} p), Grüningen (26.8 m/m), Lachen (42.0 m/m), Oberkirch (35.6 m/m), Ebnat (36.5 m/m), Säntis (47.9 m/m), Appenzell (33.4 m/m), St. Gallen (nahe im S vorbei), Altstätten (28.1 m/m), St. Margrethen; Donner aus dem K-Gebiet: Zürich $12^{1}/_{4}$–$12^{1}/_{2}$ p, Heiden. Hagel: Albishorn, Oberrieden, Horgen. T V, 1.
	c	757	17	1–5 p	SE	NW	.	.	●	Vom M^te Generoso K gegen das Maggiatal ziehend: M^te Generoso, Lugano, Crana, Locarno. T V, 1.
» 9	.	759	12	4–6 p	SW	NE	.	.	●² ▲	Kleines K zwischen Chaumont und Chasseral: Cornaux, Champ-Fahy („4^{45-50} p pluie diluvienne à Neuveville avec quelques grêlons, à 1 seconde d'intervalle deux formidables coups, précédés d'éclairs éblouissants"); Donner: Biel, Solothurn, St. Urban. Hagel: Cornaux, Cressier, Landeron, Neuveville, Ligerz, Twann u. ohne K-Erscheinungen in St. Aubin-Gorgier am Neuenburgersee. T V, 1.
» 6., 7., 9., 10.	.	.	.	.	.		.	.	.	Lokale K, vide Nachträge a.
» 13	.	764	17	4–6^{20} p	W	{E / NE}	105	47	● ▲	Vom Belpberg her K durch die Zentralschweiz in die Wäggitaler Berge: Grosshöchstetten, Escholzmatt, Schüpfheim, Entlebuch, Sarnen, Altdorf (24.9 m/m), Vitznau, Rigi-Scheidegg, Rickenbach („6 mittl. el. Entladungen"), Oberägeri ▲, Hauptsee (15.3 m/m), Einsiedeln, Vorderthal; Donner: Engelberg, Lachen.
» 15	.	762	17	7^{40}–$8^{1}/_{2}$ p	WNW	ESE	27	36	●² △ ▲	Aus dem Neckergebiet K gegen den Illfluss ziehend: Peterzell ▲, Degersheim, Urnäsch, Teufen, Schwäbrig, Appenzell (20.4 m/m), Oberriet. Blitz und Donner: St. Gallen, Altstätten, Säntis △ (20 el. Entladungen). Kurz vorher lokales K in St. Gallen, 7^{37} p über Station (Donner 7^{34-51} p aus W nach SE).
» 18	a	763	19	4–6 p	SW	NE	40	20	●	K im neuenburgisch-französischen Grenzgebiet: La Limasse, St. Sulpice, La Brévine, Les Brenets; Donner: Yverdon, Neuchâtel, Chaumont, Cernier; ferne Blitze: La Ferrière.
	b	763	18	5–6 p	W	E	.	.	● ▲	Drei kleine K, b, zwischen Niesen und Schilthorn (Frutigen, Kienthal ▲; Blitz und Donner: Beatenberg, Interlaken), d, im Mittelwallis (Nax, Siders, Varen, Leukerbad, Kippel; Blitze: Château-d'Oex, Sion; Donner: Les Marécottes) und e, am obern Bodensee (Arbon; Blitz und Donner: St. Gallen [„in der Richtung Horn-Romanshorn"], Schwäbrig).
	d	762	20	7^{45}–8^{00} p	NW	NE	.	.	●	
	e	763	20	6–6^{30} p	W	E	.	.	●	
	c	763	19	6–8^{15} p	SW	NE	76	38	●	K-Zug vom Brünig in die Glarner Alpen; Grenze im N: Lungern, Sarnen, Seelisberg, Iberg, Glarus, im S: Brünig, Engelberg, Altdorf (sehr stark), Linthal, Elm; Blitz und Donner aus dem K-Gebiet: Rigi-Scheidegg.
	.	763	16	10–11 p	.		.	.	●	K ohne besondern Zusammenhang: Lauenen, Saanen, Jaun; Donner: Gsteig $10^{1}/_{2}$ p.
» 19	a	763	15	7–11 a	SW	NE	136	34	● △ ▲	Vom Neuenburger Jura und aus der Franche-Comté K gegen den Schwarzwald ziehend; Grenze im W u. NW: Doubsgebiet, Oberelsass, Riehen, Südhang des Schwarzwald, im SE: St. Sulpice, Boudry, Champ-Fahy („un peu de grésil, tonnerre continu, violentes décharges électriques par moments"), Biel, Moutier, Wintersingen, Laufenburg; Blitz u. Donner aus dem K-Gebiet: Reigoldswil, Langenbruck, Eptingen; Donner im W: Schleitheim. In Basel ca. 20 el. Entladungen beobachtet, die nächste 10^{03} p in 2 km Entfernung. Bellelay K. Hagel: Cornaux, Cressier, Landeron.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ⊀ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Aug. 19	b	763	22	1—2 p	W	E	.	.	●	Zwei kleine ⊀, b, zwischen Napf und Pilatus (Luthern, Buchsteg; Blitz und Donner: Luzern, Wasen; Donner: Weggis, ⊀-Regen: Hitzkirch) und e, in der Gegend des Rhoneknies (Les Marécottes, Martigny; Blitz und Donner: Les Mayens).
	e	761	16	10—10½ p						
	c	763	22	2–4²⁰ p	WSW	ENE	90	72	●▲	Aus dem Knonaueramt ⊀-Zug gegen die Rheinmündung; Grenze im N: Hedingen, Küsnacht, Wil (St. Gallen), Arbon, Bregenz, im S: Zug, Wädenswil, Peterzell, Appenzell, Altstätten, Widnau; Blitz und Donner: Säntis, Wildhaus, Kollbrunn; Donner: Frauenfeld, Aadorf. Uster, Degersheim und Altstätten ≺. Hagel: St. Gallen (teilweise bis Erbsengrösse), Herisau. Im übrigen, vide Ergänzungen a.
	d	762	22	8³⁰–11⁵⁰ p	SW	NE	90	30	●²	Aus der Perte-du-Rhône ⊀ zwischen dem Jura einerseits, Leman und Broye anderseits gegen den Neuenburgersee ziehend: Athenaz, Genf, La Cure (18.9 m/m), Nyon, Cossonay, Vaulion, Montcherand, La Limasse (21.8 m/m), Yverdon, Lucens; Blitz und Donner: Lausanne; Blitze: Clarens.
	e	762	17	10—11 p	W	E	.	.	●	Ein kleines ⊀ zwischen Napf und Pilatus (Luthern, Escholzmatt, Entlebuch; Donner im S: Triengen; Blitze: Altdorf) und ⊀-Zug, f, vom Glärnisch zum Gonzen (Linthal, Klönthal, Glarus, Wesen, Obstalden ≺; Donner: Lachen; ⊀-Regen: Oberkirch).
	f	763	10	10—11 p	SW	NE				
	.	762	17	9¹⁰–11 p	W	E	.	.	●	⊀ am Südhang des Schwarzwald und am Randen: Möhlin, Schleitheim; Blitz und Donner: Basel (9¹⁰⁻⁴⁵ p 20–30 km im NW und N, ca. 10 el. Entladungen, Blitze bis gegen 11 p im N und NW), Arisdorf, Lohn.
» 13., 18., 19	.	.	.	.	.		.	.	●	Lokale ⊀, vide Nachträge a.
» 20	a	762	17	0³⁰–4 a	SW	NE	60	24	●²	⊀ in breiter Ausdehnung zwischen der Grossen Emme und dem Quellgebiet der Saane; Grenze im NW: Moléson, Grosshöchstetten, im S und SE: Château-d'Oex, Lauenen, Beatenberg; Donner aus dem ⊀-Gebiet: Adelboden. Tagessummen des Niederschlags: La Valsainte 22.0 m/m, Zweisimmen 20.6 m/m. **T** V, 2.
	b	762	17	0⁴⁵–2 a	SW	NE	.	.	●²	⊀ zwischen Dᵗ de Vaulion und Chasseron einerseits und dem Leman anderseits: Vallorbe (26.7 m/m), Cossonay, Baulmes, Montcherand, Lausanne, Yverdon, Moudon; Blitz und Donner: Clarens („reichlich"); Donner: Neuchâtel. **T** V, 2.
	c	762	16	2—3 a	W	E	.	.	●	Zwei kleine ⊀, c, zwischen Schauenberg und Tannenberg (Aadorf, Nollen, Bischofszell; Donner: Sulgen [heftiger ⊀-Regen]) und e, vom Murtensee her gegen den Chaumont (Murten, Chaumont; Donner: Payerne). **T** V, 2.
	e	762	19	2—3 p	SE	NW				
	d	762	16	12–2 p	W	E	40	20	●▲	Andeutung eines ⊀-Zuges von der Thurmündung gegen den mittleren Bodan: Andelfingen, Frauenfeld ▲, Stein, Kreuzlingen, Romanshorn; Donner: Schaffhausen. **T** V, 2.
	.	761	18	2⁵⁰–4 p			.	.	●	Vereinzelte ⊀: Aarau 3¹⁵ p (SW nach NE), Magden 4 p, Arisdorf p; Donner: Lampenberg, Wintersingen.
	f	762	20	5–7 p	WSW	ENE	50	25	●²	Vom Rigi her ⊀ zum Speer ziehend: Weggis (35.0 m/m), Küsnach (31.4 m/m), Walchwil (33.5 m/m), Einsiedeln (26.8 m/m), Wesen; Blitz u. Donner: Luzern.
» 24	a	765	20	12³⁰–4 p	SW	NE	154	56	●▲	⊀ vom nördlichen Neuenburger Jura zum Schwarzwald und Höbgau; Grenze im NW: La Chaux-de-Fonds, Doubslinie, St. Ursanne, Basel (30 el. Entladungen), Höchenschwand, im SE: Cernier, Mervelier, Laufenburg, Hallau, Lohn; Blitz und Donner aus dem ⊀-Gebiet: Schaffhausen, Diessenhofen. Hagel: Souboz. Durch dieses ⊀ ausgelöst: Leichtes lokales ⊀ in Aarau 2¹⁵ p. **T** V, 3.
	b	764	25	3⁵⁰–4⁴⁵ p	W	E, SE	84	28	●	Aus dem Bisistal ⊀ über den Calanda zu den Davoser Bergen ziehend; Grenze im N: Muotathal, Glarus, Sargans, Klosters, im S: Linthal, Reichenau, Davos; Blitz und Donner: Rickenbach, Säntis; Donner: Heiden; Blitze: Andeer. **T** V, 3.
	c	765	20	5¹ 2–6⁴⁵ p	SW	NE	.	.	●▲	Kleines ⊀ vom Val-de-Ruz zum Chasseral ziehend: Fontainemelon ▲, Cernier, Dombresson, Chaumont, Champ-Fahy, Biel; Donner: Montcherand, La Ferrière; Blitze im N: Freiburg. **T** V, 3.
	d	764	23	7–9³⁰ p	SW	NE	84	42	●▲	⊀-Zug über den östlichen Solothurner, Basler und Aargauer Jura zum Schwarzwald und Randen; Grenze im NW: Delémont, Augst, Hallau, im SE: Solothurn, Aarau, Baden, Wil-Rafz; Blitz und Donner aus dem ⊀-Gebiet: Basel 7²⁷–8³⁰ p (10 km im SE nach NE), Schleitheim; Donner: Zürich 8½ p und 9 p; Wetterleuchten: Zürich 7⁴⁵ p–n (im NW und N), Schaffhausen 8½ p (im W u. NW). Weitere Bemerkungen u. Hagel, vide Erg. a u. b. **T** V, 3.

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Aug. 25	a	765	18	0^{30}–3 a	NW	{NE / E}	135	54	● ▲	Aus dem Basler Jura ↖-Zug über den Zürichsee in das st. gallische Oberrheintal und Vorarlberg; Grenze im N: Wittnau, Bremgarten, Küsnacht, Peterzell, Oberriet, im S: Eptingen, Zofingen, Münster, Ägeri, Einsiedeln, Obstalden ⩽, Sevelen; Blitz und Donner auz dem ↖-Gebiet: Arisdorf, Degersheim, St. Gallen, Altstätten $1^3/_4$–3 a; Donner: Basel, Wilchingen, Zürich; Blitze: Wil-Rafz. Hagel in Menzingen. Im übrigen, vide Ergänzungen a. **T** V, 4.
	b	766	18	1–2^{30} a	W	E	72	48	● ▲	↖-Zug aus dem Grossen Moos ins Quellgebiet der Grossen Emme und der Wigger; Grenze im N; Aarberg, Burgdorf, Willisau, im S: Murten, Belp, Schangnau, Entlebuch; Langnau ⩽; Blitz und Donner aus dem ↖-Gebiet: Lyss („fast alle Sekunden"); Donner: St. Urban. Hagel, vide Ergänz. a. **T** V, 4.
	c c	766 765	17 17	1^{50}–2^{50} a 2–4^{15} a	SW NW	NE SE	.	.	●	Ein kleines ↖, c, im Neuenburger Bergland (Les Ponts, Boudry, Valangin, Les Brenets; Blitz und Donner im NW: Neuchâtel) und ↖-Zug, e, vom Pilatus und Schimberg ins Haslital (Pilatus, Stans, Sarnen, Lungern, Engelberg, Meiringen). **T** V, 4.
	d	765	17	1^{45}–4 a	NW	{E / SE}	45	45	$●^2$ ▲	Vom Rooter Berg ↖ teils gegen den Glärnisch, teils ins Urner Reusstal ziehend; Grenze im N: Root, Küsnach, Walchwil ▲^{0}, Sattel, Klönthal, im S und SW: Luzern, Isenthal, Gurtnellen; Südrand des östlichen Ausläufers: Bisisthal; Nordrand des südlichen Astes: Lungenstutz. Hagel: Root, Udligenswil. Grosse Niederschläge, vide Ergänzungen a. **T** V, 4.
	.	765	19	zw. 1 u. 3 a	.		.	.	●	Vereinzelte ↖: La Cure 1 a, Cossonay 1^{30} a (Lausanne Blitz und Donner, Clarens Donner), Boltigen 3 a.
» 20.,24.,25.	.	.	.	.	.		.	.	●	Lokale ↖, vide Nachträge a.
» 29	.	759	24	2^{30}–4^{10} p	NW	SE	.	.	● ▲	Aus der Franche-Comté ↖ zum Neuenburger- und Bielersee ziehend; Grenze im SW: La Brévine, Boudry, im NE: La Ferrière, St. Imier, Champ-Fahy; Blitz und Donner aus SW: Bellelay, aus N: St. Sulpice; Donner: Mormont, Reigoldswil, Lyss („ununterbrochen intensiv über Neuenburger- und Bielersee 3^{30}–3^{50} p"). Hagel: La Brévine, Les Ponts, Fontainemelon, Malvilliers. Im übrigen, vide Ergänzungen a.
	a	759	24	5–7^{20} p	W	E	84	56	● $▲^2$	↖-Zug vom Neuenburger Jura gegen die Langeten; Grenze im N: La Ferrière, St. Imier, Herzogenbuchsee, im S: St. Aubin, Payerne, Murten, Burgdorf, Wasen; Blitz und Donner aus dem ↖-Gebiet: Solothurn (ca. 5 km südlich), St. Urban; Donner: Freiburg. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** V, 5.
	b	758	26	5^{45}–8^{30} p	W	E	.	.	●	↖ vom Oberelsass ins untere Wiesental und zum Südhang des Schwarzwald: Höchenschwand 6^{15}–8^{30} p; Blitz und Donner: Basel (7 km im NW nach NE), Pfeffingen, Rheinfelden, Möhlin; Donner: Waldenburg, Wintersingen, Böttstein. **T** V, 5.
	c	759	22	5^{30}–7 p	NW	SE	25	25	● ▲	Aus dem obern Gürbetal kleines ↖ gegen das Schilthorn ziehend: Uebeschi ▲, Höfen ▲, Thun, Heiligenschwendi, Wimmis, Frutigen, Kienthal; Blitz und Donner: Beatenberg, Lauterbrunnen; Donner: Grindelwald, Sarnen. **T** V, 5.
	d	759	26	7–10 p	SW	NE	72	24	●	Aus dem Val-du-Trient ↖-Zug ins Mittelwallis hinauf: Les Marécottes, Martigny, Nax, Sion, Hérémence, Siders („häufige und zum Teil starke Schläge"), Varen, Leukerbad, Visp („zweimal Blitz und Donner"); Blitz und Donner: Les Mayens, Clarens, Lausanne. Lokales ↖ in Zermatt 8^{30} p. **T** V, 5.
	e	759	25	8–10 p	WSW	ENE	50	25	●	Aus dem Quellgebiet der Saane ↖ gegen das Lütschinengebiet ziehend: Château-d'Oex, Gsteig, Lauenen, Jaun, Boltigen, Adelboden, Frutigen, Kandersteg, Kienthal. **T** V, 5.
	f	759	25	8–11 p	SW	NE	70	40	$●^2$ △ ▲	↖-Zug von der obern Broye ins obere Emmental; Grenze im NW: Romont, Murten, Lyss 9–9^{05} p △, Burgdorf, Lützelflüh, im SE: Bulle, Marsens (22.0 m/m, ▲ 8^{05-15} p), Plaffeien, Eggiwil; Blitz und Donner aus dem ↖-Gebiet: Cernier, Bellelay. Lyss u. Grosshöchstetten melden häufige und starke Entladungen. **T** V, 5.
	g	760	24	8^{30}–9^{50} p	W	E	42	56	●	Vom Urirotstock ↖ gegen Hausstock und Segnes ziehend: Altdorf („sehr zahlreiche und heftige Entladungen"), Bisisthal, Unterschächen, Linthal, Klönthal, Elm; Blitz und Donner: Isenthal, Weggis. **T** V, 5.
	.	758	25	9–9^{30} p	W	E	.	.	●	Kleines ↖ zwischen Passwang und Hauenstein: Reigoldswil, Waldenburg, Lampenberg, Eptingen; Donner: Basel (im S nach SE), Wintersingen; Blitze im NW: Weggis.

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Aug. 29/30	h	759	20	10 p–1 a	WSW	ENE	102	34	● ▲	Aus dem nördlichen Berner Jura Zug heftiger ↖ gegen die untere Glatt; Grenze im N: Porrentruy, Pfeffingen, Wittnau, Hochfelden, im S: Bellelay, Solothurn, St. Urban, Kulm, Regensdorf; Blitz und Donner: Basel („10^{55} p $2^1/_2$ km im S, ↖-Regen = 4.0 $^m/_m$, wovon 3.5 $^m/_m$ in 4 Minuten"), Liestal, Wintersingen; Blitze: Zürich (im N und NW); Donner: Dietikon (einmal, heftig), Wilchingen. Hagel: Bourrignon, Pleigne, Delémont. **T** V, 5.
	i	759	20	10^{30} p–1 a	SW	NE	81	54	●	↖-Zug aus dem Ilfisgebiet (Oberemmental) gegen Bachtel und Allmann: Escholzmatt, Entlebuch, Muri (heftig), Cham, Unterägeri, Sihlwald (heftig), Zürich („nach 0^h starke el. Entladungen nahe Station"), Wädenswil, Uster, Bachtel, Pfäffikon; Blitz und Donner: Langnau, Rigi-Scheidegg, Vitznau, Dübendorf, Winterthur; Blitze: Altdorf. **T** V, 5.
	k	758	21	11 p–2 a	SSW	NNE	125	50	● △ ▲	Aus der südwestlichen Landesecke heftige ↖ über die westliche Waadt in das Neuenburger Bergland ziehend; Grenze im E: Veyrier (Genf), Morges, Moudon, Champ-Fahy, im W: Mont Reculet, Mont Risoux, französisch-neuenburgisches Doubsgebiet; Blitz u. Donner aus dem ↖-Gebiet: Lausanne, Payerne, Clarens; Graupeln: La Cure. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** V, 5.
» 30	·	759	21	3–4 a					●	↖ im Urner Reusstal 3—4 a (Göschener Alp, Lungenstutz; Donner: Guttannen 3 a, Weggis 3 a) und Donner beobachtet in Basel 1^{43}–1^{58} p, Pfeffingen, Wintersingen, Schleitheim 2^{30} p, herrührend von einem ↖ im Schwarzwald (Höchenschwand, von 1^{30} p an).
	·	758	21	1^{43}–2^{30} p	·		·	·		
	a	759	22	12^{30}–1^{30} p	W	E	·	·	●	Von der Dent-de-Jaman ↖ gegen die Saanenmööser ziehend: Château-d'Oex, Saanen; Donner: Clarens, Freiburg. **T** V, 6.
	b	759	22	2–3^{45} p	SW	NE	72	48	●	Aus dem Gebiet der Emmemündung schwaches ↖ zur Limmat ziehend: Solothurn, Herzogenbuchsee, Allerheiligen, St. Urban, Zofingen, Kölliken, Aarau („spärliche Entladungen"), Kulm, Dietikon; Blitz und Donner: Langenbruck; Donner: Zürich, Zurzach, Schleitheim. **T** V, 6.
	c	759	22	$2^1/_4$–$3^1/_4$ p	WSW	ENE	48	64	●	Vom Belpberg ↖ zum Pilatus ziehend: Grosshöchstetten, Luthern, Langnau, Entlebuch, Flühli, Buchsteg, Pilatus; Blitz und Donner: Luzern; Donner: Weggis. **T** V, 6.
	d	758	22	$2^3/_4$–6 p	W	E NE	95	38	●² △ ▲	↖-Zug vom Rigi zum Gonzen, dann ins östliche Alpsteingebiet und ins Rheintal: Küsnach, Einsiedeln, Waldhalde, Vorderthal, Glarus, Wesen, Obstalden 4^{20-30} p ▲, Walenstadt ▲, Wildhaus, Appenzell, Schwäbrig, Haag, Altstätten; Blitz und Donner: Säntis („im S nach E und NE" △), Heiden; Donner: Teufen, St. Gallen („sehr wenige und schwache Entladungen"). Im weitern, vide Ergänzungen a. **T** V, 6.
	e	759	21	3–6^{30} p	W	E	96	32	●?	Aus der Gruyère ↖-Zug ins Haslital und ins Unterwaldnerland: Marsens, La Roche („mehrere kleine ↖"), Jaun, Boltigen, Frutigen, Wimmis, Kienthal (19.8 $^m/_m$), Beatenberg, Interlaken, Lauterbrunnen, Meiringen (28.0 $^m/_m$), Grindelwald, Lungern (29.0 $^m/_m$), Sarnen (15.4 $^m/_m$); Donner: Engelberg 6–$6^1/_2$ p. **T** V, 6.
	f	759	27	4—5 p	NW	SE	·	·	●²	↖, f, zwischen dem nördlichen Verbano und dem Ceresio (Locarno [21.4 $^m/_m$], Crana, Ponte Tresa [51.4 $^m/_m$], Lugano [31.0 $^m/_m$], Monte Brè [28.0 $^m/_m$]; Blitz und Donner: Braggio) und ↖-Zug, h, vom Aareunterlauf gegen Hohentwil und Wolkenstein (Böttstein, Kaiserstuhl, Hochfelden, Rheinau, Diessenhofen, Buch; Blitz und Donner: Wilchingen). **T** V, 6.
	h	758	21	7—9 p	SW	NE	42	28	●	
	g	759	22	4^{15}–7^{55} p	W	E	96	32	●?	Aus dem Unteremmental ↖ gegen Bachtel und Speer ziehend: Herzogenbuchsee, Luthern, Münster, Luzern (22.2 $^m/_m$), Küsnach (25.8 $^m/_m$), Vitznau, Walchwil (21.0 $^m/_m$), Rickenbach, Hauptsee (34.5 $^m/_m$), Waldhalde (21.8 $^m/_m$), Wädenswil, Lachen (22.9 $^m/_m$, wovon 18.0 $^m/_m$ bis $7^1/_2$ p), Hinwil (21.9 $^m/_m$); Donner: Isenthal, Zürich, St. Gallen 7^{55} p. **T** V, 6.
	i	761	17	$9^1/_2$ p–0^{45} a	SW	NE	72	24	●² ▲	↖ von der Dent-de-Vaulion zum Chasseral ziehend: Mont-la-Ville ▲, Vallorbe, Baulmes, Moncherand, Limasse, Boudry (21.2 $^m/_m$), Brot, Cernier, Champ-Fahy („pluie pendant quelques minutes, forts coups de foudre, fulgurants éclairs"); Blitze: Les Ponts, La Ferrière, Moudon, Solothurn; Wetterleuchten im W: Interlaken. **T** V, 6.
	k	760	19	10—11 p	SW	NE	·	·	● ▲	Kleines ↖ am westlichen Leman (Nyon; Blitze: Genf; Hagel: Founex, Gland und ausserhalb der ↖-Zone: Lutry) und vereinzelte ↖ ohne besondern Zusammenhang (Plantahof und Chur 8 p, Davos 8^{45} p, St. Moritz $8^1/_2$ p [Bevers 8—$9^1/_2$ p viermal Donner]). **T** V, 6.
	·	759	21	zw. 8 u. 10 p			·	·	●	

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Aug. 30	l	761	16	11 p–1 a	SW	NE	60	40	●	Aus dem Grossen Moos ↖ gegen die Langeten ziehend: Murten, Lyss, Herzogenbuchsee, Herbetswil, St. Urban, Balsthal; Blitze im S: Basel 11 p–0^{h}, im SW: Baden. **T** V, 6.
» 29.,30.,31	.	.	.	.	.	.	.	.	●	Lokale ↖, vide Nachträge a.
Sept. 1	a	764	13	11^{50} a–2^{20} p	SW	NE	117	52	●▲	Aus der Franche-Comté ↖-Zug über den Berner, Solothurner und Basler Jura, sowie über den Südhang des Schwarzwald bis zur Wutachmündung; Grenze im NW: Boncourt, Binningen, Höchenschwand, im SE: Les Bois, Bellelay, Balsthal, Kilchberg, Zurzach; Blitz und Donner aus dem ↖-Gebiet: Basel (5 km südlich 30—40 el. Entladungen), Aarau (sehr häufig); Donner: Schleitheim, Schaffhausen, Lohn, Winterthur, Zürich. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** VI, 1.
	b	763	21	$1^{3}/_{4}$–3 p	SW	NE	42	56	●	Vom M^{t} Suchet ↖ zum M^{t} d'Amin und Chaumont ziehend: Baulmes, Les Ponts, Brot, Fontainemelon, Dombresson, La Chaux-de-Fonds, La Ferrière („une faible décharge par deux minutes"); Blitz und Donner: Champ-Fahy $2^{1}/_{2}$ p; Donner: Payerne („sur Jura"). **T** VI, 1.
	c	763	22	$2^{1}/_{4}$–3^{15} p	WSW	ENE	.	.	●	Drei kleine ↖, c, im Quellgebiet der Linth (Linthal, Elm; Donner: Sargans), d, in Obwalden (Sarnen ▲, Lungern ▲; gleichzeitig lokales ↖ in Vitznau) und e, von Pontarlier ins Val-de-Travers (St. Sulpice ▲; Blitz und Donner: Montcherand [„im N vorbei"]). **T** VI, 1.
	d	763	22	2^{30}–3^{20} p	S	S	.	.	●▲	
	e	763	21	2^{45}–3^{50} p	W	E	.	.	●▲	
	f	763	23	2^{50}–5 p	W	E	.	.	●▲	Vom Alpstein ↖ nach Vorarlberg ziehend: Säntis (30 el. Entladungen, die meisten im E), Appenzell ▲, Rüte ▲, Schwäbrig ▲^{0}, Oberriet ▲; Blitz und Donner: Wildhaus, St. Gallen („im S nach E"), Heiden, Altstätten („im S nach E, Alpen am Kamor 1½ Stunden nach dem ↖ noch weiss von ▲"). **T** VI, 1.
	g	763	20	3^{45}–6 p	W	E	69	45	●▲	Hochgewitter aus dem Lütschinengebiet ins obere Vorderrheintal: Lauterbrunnen, Grindelwald, Guttannen (4^{35-38} p ▲), Engelberg, Göschenen, Gurtnellen, Sedrun; Blitz und Donner: Kienthal, Beatenberg, Platta. **T** VI, 1.
	h	763	23	4–4^{35} p	W	E	.	.	●▲	Vom Nollen leichtes ↖ zum Bodan ziehend: Bischofszell, Arbon; Blitz und Donner: St. Gallen („sehr selten, im N nach E"). Zugleich Hagel in Haidenhaus 4^{30-35} p. **T** VI, 1.
	i	763	21	4^{10}–6^{45} p	SW	NE	55	55	●^{2}▲	↖-Zug aus dem Gebiet zwischen Doubs und Chasseron gegen Franches-Montagnes und Chasseral; Grenze im NW: Pontarlier, Saignelégier, im SE: S^{te} Croix, Neuveville; Blitz und Donner aus dem ↖-Gebiet: Montcherand. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** VI, 2.
	k	763	23	4–5^{55} p	SW	NE	39	52	●	Vom Zuger- und vom Rossberg ↖ zum Bachtel ziehend: Sattel, Hauptsee, Einsiedeln, Lachen, Bachtel; Blitz und Donner: Rigi-Scheidegg, Wädenswil, Hinwil. Gleichzeitig lokales ↖ am Klöntalersee. **T** VI, 1.
	l	763	22	4–6 p	WSW	ENE	33	66	●▲	↖ im Oberemmenthal und Entlebuch: Grosshöchstetten („vereinzelte Hagelsteine wie Haselnüsse"), Wasen, Langnau, Eggiwil, Luthern, Entlebuch; Blitz und Donner: Luzern. Hagel, vide Ergänzungen b. **T** VI, 1.
	m	763	22	5^{45}–6^{30} p	WSW	ENE	.	.	●	Zwei kleine ↖-Züge, m, vom Necker zum Rhein (Urnäsch, Appenzell, Oberriet; Blitz und Donner: Säntis, Teufen, Altstätten) und n, vom Schilthorn ins Haslital (Lauterbrunnen, Grindelwald 6½ p [stark], Guttannen). **T** VI, 2.
	n	763	20	6–8 p	W	E	34	34		
	o	763	22	6–9 p	SW	NE	140	62	●▲^{2}	Aus dem Broye- und Glanegebiet ↖-Zug, stellenweise mit starkem Hagel, gegen die Lägern; Grenze im NW: Payerne, Ins, Solothurn („nahe im S vorbei"), Liestal, Bötzberg, Schöfflisdorf, im SE: Romont, Schwarzenburg, Grosshöchstetten, Werthenstein, Muri, Dietikon. Villars-le-Grand, Önsingen und Niedergösgen ↖. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** VI, 2.
	p	763	22	6^{10}–7^{45} p	WSW	ENE	45	30	●▲	↖ aus dem Quellgebiet der Sense und des Jaunbachs zum Brienzergrat ziehend: Plaffeien, Jaun, Boltigen, Frutigen, Thun, Beatenberg; Blitz und Donner: Freiburg, Lauterbrunnen (stark, im N). Hagel: Frutigen, Oberlangenegg, Buchen, Teuffenthal, Horrenbach, Eriz. **T** VI, 2.
	q	763	21	6^{30}–7^{50} p	SW	NE	.	.	●	Kleiner ↖-Zug vom Quellgebiet der Saane zum Lohner; Gsteig, Lauenen, Lenk, Adelboden. **T** VI, 2.
	r	763	24	7–8 p	SW	NE	37	74	●	Aus dem Gebiet zwischen Suhr und Hallwilersee leichtes ↖ gegen den Irchel ziehend: Kulm, Burg b. Menziken, Muri, Dietikon, Schöfflisdorf, Niederhasli, Hochfelden; Blitz und Donner: Zürich („alle 2—3 Minuten, seit 7 p Donner im W, 7¼ p Blitz mit drei Ästen über dem Hasenberg"), Zollikon. **T** VI, 1.

Datum		Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ↖ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Sept.	1	s	762	22	7^{10}–9 p	W	E	95	76	●	Rasch fortschreitendes ↖ vom Oberelsass dem Südhang des Schwarzwald entlang gegen den Untersee: Rheinfelden, Möhlin, Höchenschwand, Zurzach, Kaiserstuhl, Wil-Rafz, Hallau, Schleitheim, Rheinau, Diessenhofen; Blitz und Donner: Basel, Haidenhaus. **T** VI, 2.
		t	763	24	$8^3/_4$–$10^1/_4$ p	SW	NE	45	36	●	Aus dem Knonaueramt ↖ gegen die Murg ziehend: Mettmenstetten, Albishorn, Zürich („seit $8^3/_4$ p Donner im SW, 9 p Blitz und Donner 4 km im SW, 9^{07}–9^{18} p fünfmal im S, 3 km, 9^{14} p ganz nahe, 9^{16-20} p, dreimal im SE, 2 km"), Uster, Sternenberg, Aadorf; Blitz und Donner: Iberg, Hinwil, Winterthur. **T** VI, 2.
		.	763	20	p u. n	.		.	.	●	Vereinzelte ↖: Bourg St. Pierre n, Châble n, Hérémence (Les Mayens Donner), Visp 8 p, Grächen („von 4 p an mehrere ↖"), Zermatt 6 p, Dailly $10^1/_2$ p (Clarens Donner). **T** VI, 2.
»	2	a	763	22	12^{40}—2^{15} p	W	E	.	.	●	Kleines ↖, a, zwischen Passwang und Kestenberg (Böckten, Diegten, Aarau [Entladungen ziemlich stark und sehr zahlreich], Bötzberg; Donner: Wintersingen) und ↖-Zug b aus dem mittleren Toggenburg zum Vorarlberg (Ebnat, Degersheim, Herisau, Urnäsch, Säntis [42 mal Blitz], Haag; Blitz u. Donner: Starkenbach, St. Gallen, Teufen, Schwäbrig, Altstätten, Heiden; Blitze: Zürich [im E], Donner: Lachen).
		b	764	22	6^{40}—7^{45} p	W	E	39	52		
»	4	a	763	18	12^{50}–2^{10} p	SW	NE	45	60	●▲	↖ in der Franche-Comté, die sich bis in den Berner Jura erstrecken: Saignelégier, Bellelay, Mormont, Bonfol; Blitz und Donner: La Ferrière (alle 2 Minuten), Delémont. Hagel: Fahy, Seleute, Courgenay (Bezirk Pruntrut). **T** VI, 3.
		.	762	22	4^{30}–5^{30} p	im W	N	.	.	●	Von einem zweiten ↖ in der Franche-Comté herrührend, Donner beobachtet in La Ferrière („jede Minute, ziemlich stark, langes Donnerrollen").
		b	762	23	4–6 p	SW	NE	82	48	●²	Von Niesen und Lohner her Andeutung eines ↖-Zuges gegen den Vierwaldstättersee: Frutigen, Kandersteg, Kienthal, Grindelwald, Lungern, Sarnen, Engelberg, Pilatus, Luzern, Weggis; Blitz und Donner: Thun (24.4 m/m), Beatenberg; Donner: Isenthal, Rickenbach. **T** VI, 3.
		c	762	22	7–$8^1/_4$ p	W	E	24	32	●²	↖ im mittlern und nördlichen Neuenburger Jura; Grenze im N: Les Brenets, St. Imier, im S: La Brévine, Brot, Neuchâtel; Blitze: Montcherand (im NE). La Ferrière meldet: „éclairs continuels, le gros de l'orage se donne plutôt au Sud". Tagessummen des Niederschlags: Boudry 50.9 m/m, Malvilliers 26.6 m/m, Serrières 30.0 m/m, Les Brenets 20.3 m/m, Cernier 23.6 m/m, Neuchâtel 49.9 m/m, „dont 29.6 m/m jusqu'à $9^h1/_2$ du soir". **T** VI, 3.
		d	763	26	8–9^{30} p	SSE	NNW	36	48	●²	Vom südwestlichen Arm des Comersees ↖ gegen den nördlichen Lago Maggiore und untern Tessin: Monte Generoso, Ponte Tresa, Lugano, Locarno (66.0 m/m), Bellinzona (60.3 m/m), Grono (39.7 m/m); Donner: Borgnone, Braggio. **T** VI, 3.
		e	762	21	8p–0^h	SW W	NE	154	41	●²▲	Einerseits vom Neuenburger- und Murtensee, andernteils aus dem Oberelsass heftige ↖, welche, im Basler Jura sich vereinigend, gegen Reiath und Untersee ziehen; Grenze im N: St. Ludwig, Höchenschwand, Schleitheim, Lohn, im SE: Murten, Burgdorf, Kulm, Schöfflisdorf, Niederneunforn; Südrand der nördl. Wurzel: Metzerlen, Pfeffingen, Lampenberg, Nordwestrand der südwestlichen Wurzel: Neuchâtel, Choindez, Lampenberg; Donner aus dem ↖-Gebiet: La Roche, Zürich (10^{20}, 10^{45} und 10^{50} p), Haidenhaus. Champ-Fahy und Möhlin ↙. Hagel: Gampelen, Tschugg, Ins, Erlach, Treiten. Weitere Bemerkungen, vide Ergänzungen a. **T** VI, 3.
		f	761	19	11p–0^h	SW	NE	80	80	●▲	Rasch vom westlichen Leman ins Gros-de-Vaud ziehendes ↖: Nyon, Cossonay, Corcelles s. Chavornay, Moudon, Palézieux, Marsens, La Roche; Blitz und Donner: Baulmes; Donner: Freiburg; Blitze: Clarens, Château-d'Oex. Hagel: Cullayes, Mézières. **T** VI, 3.
»	4/5	.	763	16	11^{30}p–2a	SW	NE	140	70	●▲	Aus der Vallée-de-Joux ↖-Zug über Jura und Aareebene bis zum Hauenstein; Grenze im NW: Doubslinie, Les Brenets, La Ferrière („notre station n'a guère eu que la frange Nord de l'orage, une décharge par deux minutes, assez fortes, surtout deux très rappochées à 0^h10 et 0^h12 a. m."), Bellelay, Delémont, Böckten, im SE: Mont-la-Ville, Murten, Burgdorf, Zofingen. Tagesniederschlag 4./5. (z. T. herrührend von ↖ c und e des 4.): Brot 27.5 m/m, La Brévine 25.1 m/m, Dombresson 22.0 m/m, Les Ponts 31.1 m/m, La Ferrière 21.8 m/m, Aarberg 21.4 m/m, Biel 36.5 m/m, Barmelweid 35.2 m/m, Balsthal 24.5 m/m. Hagel: Ins.

Datum	Bezeichnung des Zuges od. d. Gruppe	Mittlerer Luftdruck	Mittlere Temperatur	Zeit des hörbaren Donners	Richtung der ⊼ oder des Zuges		Zurückgelegt. Weg in km.	Weg in km. pro Stunde	Art der Niederschläge	Betroffene Gegend und weitere Bemerkungen
Sept. 5	a	762	18	1^{30}–4 a	SW	NE	60	30	●	Von Rochers-de-Naye und Tour-d'Aï ⊼ zum Sigriswilergrat ziehend: Château-d'Oex, Gsteig, Lauenen, Lenk, Zweisimmen, Adelboden, Frutigen, Heiligenschwendi.
	b	763	18	3–5 a	SW	NE	48	64	●	Aus dem Napfgebiet Andeutung eines ⊼-Zuges, b, gegen den Albis (Wasen, Luthern, Willisau, Entlebuch, Kulm, Burg b. Menziken, Münster, Cham) und vom Pfannenstiel kleines ⊼, c, zum Allmann ziehend (Grüningen, Uster [Platzregen 3^{20-22} p und 3^{27-36} p], Hinwil [„4 kräftige Entladungen"], Pfäffikon; Donner: Wädenswil [„5 km im N nach E"], Zürich 3^{38} p und 3^{46} p [im SE], Fehraltorf.
	c	764	19	3^{38} 4^{15} p	SW	NE	.	.		
« 1., 4., 5., 6.	.	.	.	.	.		.	.	●	Lokale ⊼, vide Nachträge a.
« 7	a	764	16	$3^{1/2}$–$6^{1/2}$ p	SW	NE	80	32	●	⊼-Zug, a, aus dem Quellgebiet der Saane gegen den Brünig (Gsteig, Lauenen, Adelboden, Frutigen, Kienthal, Lauterbrunnen [„heftig"], Grindelwald, Meiringen, Lungern) u. kleines ⊼, b, vom Tödi z. Glärnisch (Linthal, Klönthal).
	b	764	19	7–8 p	SW	NE	.	.		
» 8	a	765	17	3–4 p	NW	SE	.	.	●▲	Zwei kleine ⊼, a, vom Mt Gibloux gegen Berra und Gastlosen (Marsens, La Valsainte, Jaun; Donner: La Roche) und c, am westlichen Leman (Meinier ▲, Genf).
	c	765	20	5–6 p	NE	SW	.	.		
	b	765	18	4^{45}–8 p	NE	SW	56	28	●▲	⊼-Zug vom Neuenburgersee gegen die Dôle: Yverdon, Montcherand, Cossonay, St. Cergue, Les Rouges, La Cure; Blitz und Donner: Lausanne; Donner: La Brévine, Nyon; Blitze: Payerne. Hagel: Fiez, Novalles.
» 9	a	764	20	12^{30}–3 p	SW	NE	.	.	●▲	Zwei kleine ⊼, a, vom Mont La Tourne zum Chasseral (Rochefort ▲, Malvilliers, Champ-Fahy [„tonnere toutes les 5 minutes, quelques décharges très violentes, ⊼"]; Donner: Serrières, Neuchâtel, La Ferrière) und d, von den Grauen Hörnern zu den Lichtensteiner Bergen ziehend (Sargans, Sevelen; Blitz und Donner: Obstalden, Säntis, Heiden, Altstätten; Donner: Winterthur). **T** VI, 4.
	d	764	22	4^{29}–5^{35} p					●	
	b	764	23	2–3^{25} p	S	N	33	44	●² ▲	⊼ zwischen Leman und Neuenburgersee: Lausanne, Cossonay, Corcelles s. Ch., Montcherand, Ballaigues ▲, Baulmes (⊼-Regen = 55 m/m in 30 Minuten, s = 65.5 m/m), Vuitebœuf (39.7 m/m). **T** VI, 4.
	c	764	21	4–5^{15} p	SW	NE	40	40	●² ▲	Von der untern Broye und dem Neuenburgersee ⊼ ins Grosse Moos und ins Seeland: Boudry (23.2 m), Payerne, Serrières (26.9 m/m), Neuchâtel, Chaumont ▲, Valangin, Murten ▲, Biel; Donner: La Roche (im N). **T** VI, 4.
	e	764	20	4^{35}–5^{45} p	WSW	ENE	48	64	●² ▲	Von der Stockhornkette ⊼ zum Feuerstein u. Brünig: Thun (27.0 m/m), Heiligenschwendi, Beatenberg, Lungern. Hagel: Höfen, Uebeschi, Thierachern; Donner: Eggiwil. **T** VI, 4.
	f	764	21	4^{45}–5^{30} p	NW	SE	.	.	●	Drei kleine ⊼, f, im Hauensteingebiet (Reigoldswil, Böckten, Olten [„$9^{1/2}$ p = 21.0 m/m, s = 26.0 m/m"], h, zwischen Lägern und Irchel (Schöfflisdorf, Hochfelden; Donner: Wil-Rafz; Blitze: Schleitheim) und l, vom Nollen zum Bodensee (Bischofszell, Sulgen, Romanshorn; Blitz und Donner: Weinfelden. **T** VI, 4.
	h	764	21	7^{30}–8 p	SW	NE				
	l	764	21	$8^{1/2}$–$9^{1/4}$ p	W	E				
	g	764	20	4^{50}–6^{35} p	SW	NE	30	40	●▲	Aus den Unterwaldner Bergen ⊼ zu den Mythen und den Windgällen ziehend: Buchsteg, Pilatus, Buochs ▲, Engelberg, Altdorf, Lungenstutz, Rigi-Kulm, Walchwil, Rickenbach; Blitz u. Donner: Luzern, Isenthal, Hauptsee. **T** VI, 4.
	i	764	20	7^{30}–9^{15} p	W	E	64	64	●▲	Vom Pfannenstiel Zug heftiger ⊼ über das Appenzellerland ins Rheintal; Grenze im N: Uster, Degersheim, Herisau, Altstätten, im S: Grüningen, Oberkirch, Obstalden, Wildhaus, Oberriet; Blitz und Donner aus dem ⊼-Gebiet: Wädenswil, Teufen, St. Gallen („um 9^{01} p alles erzittern machender Donner, dann keine Entladung mehr"); Wetterleuchten: Buch. Grosse Tagessummen des Niederschlags: Peterzell 33.9 m/m, Lichtensteig 28.9 m/m, Ebnat 29.6 m/m, Urnäsch 25.5 m/m. Hagel: Ebnat, Hemberg. **T** VI, 4.
	k	764	20	8–9p	SW	NE	25	50	●	⊼ vom Rooter Berg zum Uto ziehend: Küsnach, Cham, Zürich („8^{07-11} p Blitz und Donner im SW, 8^{24} und 8^{30} p 5 km im WSW, 8^{17} p ziemlich nahe, 8^{19} p Blitz sichtbar im SW"); Blitz und Donner: Zollikon, Dietikon. **T** VI, 4.
	.	763	22	8–$9^{1/4}$ p			.	.	.	Herrührend von ⊼ im Schwarzwald, Blitze beobachtet in Schleitheim, Basel 8–$8^{1/4}$ p („im NE zwischen zwei einzelnen grossen Cumuli überspringend, $8^{1/4}$ p einige Donner"), ebenso Donner gehört in Liestal, Hallau, Winterthur.
» 7./8./9./9.	.	.	.	.	.		.	.	●	Lokale ⊼, vide Nachträge a.
» 10	a	764	14	1–3 a	SSW	NNE	26	17	●	Zwei kleine ⊼-Züge, a, zwischen dem östlichen Chasseral und dem Gebiet der Scheulte-Mündung (Biel, Moutier, Delémont; Donner: Pfeffingen, Lampenberg, Mormont; Blitze: Solothurn) u. b, vom Hauenstein z. Lindenberg (Olten, Aarau, Zofingen, Kulm, Münster, Hitzkirch; Donner: Triengen). **T** VI, 5.
	b	763	18	3^{30}–4^{30} a	NW	SE	36	48		

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Sept. 10	c	764	14	4–6 a	W	E	105	60	● [2]	⊀-Zug aus der Franche-Comté über den Neuenburger Jura und das Grosse Moos gegen die Wigger; Grenze im N: La Ferrière, Champ-Fahy (14.7 m/m), Solothurn, St. Urban, Willisau, im S: La Brévine (24.5 m/m), Boudry, Murten, Bern (nahe im N vorbei), Wasen, Luthern, Landeron ⊀. **T** VI, 5.
	d	764	16	4–6 a	SW	{NE / E}	90	45	●	Aus dem Knonaueramt ⊀-Zug gegen den Bodensee; Grenze im NW u. N: Hedingen, Zollikon, Dübendorf, Kreuzlingen, Lindau, im S: Mettmenstetten, Sihlwald, Sternenberg, Bischofszell, Arbon, Heiden; Blitz u. Donner: Zürich („alle 5 Min., nächste Distanz 3 km südl."), Haidenhaus; Donner: Appenzell. **T** VI, 5.
	e f	763 763	16 16	4^{30}–5^{20} a 6–7 a	SW SW	NE NE	. .	. .	●▲	Zwei kleine Züge, e, vom Rossberg zum Bachtel u. Allmann (Ägeri, Waldhalde, Wädenswil, Küsnacht, Hinwil [„zehn kräftige Entladungen"], Bachtel ⊀; Blitz u. Donner: Einsiedeln, Zürich [„5 km südl."]) u. f, vom Sarnersee z. Rigi (Sarnen, Pilatus, Stans, Weggis (21.0 m/m), Vitznau, Gersau, Rigi-Kulm, Rigi-Scheidegg [▲-Schauer, s = 37.4 m/m], Küsnach; Donner: Isenthal). **T** VI, 5.
	g	764	14	6–7 a	NW	SE	39	52	●	Vom Chaumont ⊀ gegen die Berra ziehend; Neuchâtel, Avenches, Freiburg, Marsens, La Valsainte; Blitz und Donner: Champ-Fahy.
	h	764	16	6–7^{30} a	WNW	ESE	33	33	●	⊀ vom Etzel zum Mürtschenstock ziehend: Lachen, Altendorf ⊀, Vorderthal, Obstalden (Donner bis nach 7^{20} a); Blitz und Donner: Wädenswil (6^{06}, 6^{39}, 6^{42} a); Donner: Iberg, Einsiedeln, Oberkirch. **T** VI, 5.
	i	764	17	7–7^{30} a	SW	NE	.	.	●▲	Kleines ⊀ am westlichen Leman: Genf, Coppet, Founex. **T** VI, 5.
» 14	.	753	20	2–7 p	SW	NE	228	48	●▲ [2]	Grosses ⊀ mit Hagel am rechtsseitigen Rande, teils aus dem Quellgebiet der Broye, teils aus demjenigen der Orbe kommend, zwischen den Voralpen einerseits und dem Jura und Schwarzwald anderseits gegen den untern Bodensee ziehend; Grenze im NW: Doubslinie, Bellelay, Choindez, Mervelier, Basel, Höchenschwand, Schleitheim, Überlingen, im SE: Châtel-St. Denis, Jaun, Eggiwil, Luzern, Walchwil, Hinwil, Sternenberg, Wil (St. Gallen), Altnau; Ostrand der westlichen Wurzel: Vaulion, Yverdon, Aarberg; Westrand der östlichen: Palézieux, Murten, Schüpfen; eine dritte Wurzel ging vom Solothurner Blauen aus; Blitz und Donner aus dem ⊀-Gebiet: Clarens 3–3^{36} p, Payerne, Urnäsch, Heiden; Donner: Les Mayens s. Sion 3 p, Rickenbach [„im N nach NE"]. Weitere Bemerkungen und Hagel, vide Ergänzungen a und b. **T** VI, 6.
» 10..13 14..15	.	.	.	.		.	.	.	●	Lokale ⊀, vide Nachträge a.
» 20	.	762	17	3^{15}–3^{35} p		.	.	.	.	Donner beobachtet in Möhlin, herrührend von ⊀ im Schwarzwald (Höchenschwand).
» 16..17 20..21	.	.	.	.		.	.	.	.	Lokale ⊀, vide Nachträge a.
Okt. 2	.	762	19	5^{35}–6 p		.	.	.	.	⊀ im Schwarzwald; Donner u. Blitze beobachtet in Pfeffingen, Augst, Aarau, Lohn.
» 8 9	.	757	15	6^{30} p–n	NW	SE	.	.	● [3]	Niederschlagsreiche ⊀ aus dem Calancatal, sowie vom untern Tessin- und obern Langenseegebiet zum Ceresio ziehend: Braggio (⊀-Regen 7^{20} p–2 a = 83.7 m/m, s = 87.7 m/m), Grono (102.5 m/m), Bellinzona (137.8 m/m), Locarno (79.6 m/m), Mosogno (167.3 m/m), Borgnone (211.7 m/m), Crana (161.9 m/m), Lugano (⊀-Regen $7^1/_2$ p–$3^1/_2$ a = 77.4 m/m), Monte Brè (97.0 m/m). Ebenso Nachtgewitter in Comprovasco (63.6 m/m). Bemerkungen über Wasserschaden, vide Ergänzungen a.
» 3..5..8 29	.	.	.	.		.	.	.	.	Lokale ⊀, vide Nachträge a.
Nov. 11	.	762	8	9^{10}–10^{05} p		.	.	.	●▲ [0]	⊀ in der Franche-Comté, dessen östl. Rand den Schweizer Jura streifte: Les Brenets $9^1/_2$ p ▲[0], La Ferrière („10^{03} p un seul éclair très vif en nappe, une décharge par 2 minutes, à 10^{05} p un dernier éclair très éloigné, à 10 p quelques grêlons"). Blitz und Donner: Champ-Fahy Neuchâtel (im NW); Blitze: Les Ponts, Herzogenbuchsee („über dem Jura").
» 12/13	a	757	10	8 p–2 a	SW	NE	150	75	● [2]	Aus der südwestl. Landesecke ⊀ zwischen Jura und Voralpen ins Grosse Moos und gegen den Bucheggberg ziehend; Grenze im NW: Mont Reculet, La Cure, Vallée-de-Joux, La Brévine, Biel, im SE: Genf, Morges, Chexbres, Marsens, Freiburg, Lyss; Blitz und Donner: Lausanne, La Ferrière 11^{30} p, Bellelay 11 p–0^h; Donner: Bern $11^1/_2$ p. Weitere Bemerkungen, vide Erg. a.
	b	757	10	0^h–3 a	SW	NE	.	.	● [2]	Andeutung eines zweiten Zuges im nördlichen Teil des nämlichen Gebiets: Yverdon, Lucens, Freiburg, Malvilliers, Aarberg; Blitz und Donner: La Ferrière 1^{30} a; Regen von litt. a und b, vide Ergänzungen a.
» 13	a b	757 750	8 13	6^{10}–7 a 2^{20}–4^{10} p		.	.	.	● [2]	Zwei kleine ⊀, a, vom östlichen Leman zur mittl. Broye (Clarens 34.0 m/m, Lucens 6^{55} a) und b, am obern Lago Maggiore (Locarno; Blitz und Donner: Sonogno [51.7 m/m]; Donner: Crana [einigemal, schwach], Borgnone 2^{45} p).
Dez. 24. u. 28	.	.	.	.		.	.	.	.	Verschiedene ⊀-Erscheinungen, vide Nachträge f. a und e.

Ergänzungen zu der tabellarischen Uebersicht.

a) Weitere Bemerkungen:

Mai 4. Appenzell: „Heute abend zog über das Alpsteingebiet ein heftiges Gewitter mit Hagelschlag; Strassen nud Berghänge waren mit Hagelkörnern dicht besät. Nach kurzen Intervallen folgte wieder heftiger Regen, von einem eisigen Winde hergepeitscht; auf den Höhen Schnee". (Zeitungsnotiz.) **10.** Litt. c. Basel: „Barometer $3^3/_4$–9^h p um 6 $^m/_m$ gestiegen". Möhlin: „Hagel ging bei Möhlin über den Rhein nach Schwörstadt und Brennet; Schlossen haselnuss- bis baumnussgross, Hälfte der Kulturen vernichtet". Litt. d. Von Dietikon wird Gewittersturm gemeldet (Tagesniederschlag = 43.5 $^m/_m$), während in Zürich nur eine Gewittercumulusbank am Südhorizont bemerkt wurde. Vom Reppischtal an wird also die Nordgrenze des Zuges bedeutend nach Süden verschoben; auch Uster meldet: „Hauptgewitter zieht im Süden vorbei". Champ-Fahy: „Alle fünf Minuten eine el. Entladung, einige sehr stark". Solothurn: „K schien zuerst in ziemlich grosser Distanz südlich der Station vorbeizuziehen, bis der starke NW in SW umschlug". **17.** Litt. a. Freiburg: „Donner 1^{15}–1^{25} p fast ununterbrochen mit mehreren Blitzschlägen, über Station 1^{35} p, Regen 1^{25}–2^{15} p". Triengen: „K anfangs mit ▲, über Büron und Geuensee soll starker Hagel gefallen sein". (Kein Schaden gemeldet. J. M.) Münster: „Um $3^1/_2$ p entlud sich über Rickenbach, Reinach, Beinwil ein zwanzig Minuten dauerndes Hagelwetter, ca. 15 Minuten lang Körner wie Haselnüsse". Litt. d. Zürich: „4 p Blitz über Uto und einige Regentropfen, 4^{03} und 4^{06} p Donner im S und SW, Regen 4^{08}–5^{15} p = 7.5 $^m/_m$, anfangs vereinzelte Hagelkörner, 4^{10}–4^{25} p Platzregen, 4^{06} p Blitzschlag 2 km im SE, fortwährend Wolkenblitze und anhaltendes Donnerrollen, Rand der den ganzen Himmel überspannenden K-Wolke stetig nach NE vorrückend, wo noch Cumulus sichtbar; mehrere Blitzschläge hoch im SE, z. B. 4^{20} p (3 km), 4^{21} p (2 km) 4^{23} und 4^{24} p in 1–2 km; 4^{30} und 4^{31} p Blitzschläge im E und NE, der erste zwei, der andere ein km entfernt". Uster: „Hagel 4^{28-28} p; es scheint, dass der Kern des schweren Hagelwetters östlich von Uster hingezogen sei. In Riedikon und Ries ($^1/_2$ km südlich) soll der Hagel arg gehaust haben, dann gings über Nossikon und Sulzbach gegen Aathal und Seegräben. Hagelschaden von Oberuster bis Aathal" (Weber-Schellenberg). Aus Kirchberg und Wil wurde der „N. Zürcher Zeitung" berichtet, dass nach 4 Uhr nachmittags über das Alttoggenburg ein schweres Hagelwetter niederging. In der Gegend von Lütisburg wurde Obst und Laub von den Bäumen geschlagen und in Gärten und Wiesen grosser Schaden angerichtet. **27.** Litt. g. Lauterbrunnen schreibt: „Furchtbar starkes K". Litt. h. Rickenbach meldet: „Ca. 9^{50} p schwere Blitzschläge im SW und W, 10^{55} p starker Regen, K im E, ca. 5–7 km entfernt; 11^{15} p Vordringen des K nach NE". Altdorf: „9^{55}–10^{02} p erbsengrosser Hagel". **28.** Litt. a. Lucens: „Décharges entre nuages avec quelques bras tombants". Litt. b. Champ-Fahy: „5^{30} a un formidable coup de foudre, 1 seconde après l'éclair". Litt. e. Dem „Landbote" entnehmen wir: „In der Gemarkung Bertschikon bedeutender Hagelschlag, von Dinhard kommend und sich über Gündlikon, Stegen nach Hagenbuch hinziehend, mit grossem Schaden in Weinbergen und Wiesen". **30.** Litt. c1. Zürich: $4^1/_4$–$5^1/_2$ p Regen. 4^{27} p Donner, 4^{30} p Blitz im S, 4^{50} und 4^{55} p Donner im S, 4^{50} p wagrechter Blitz, 5^{10} p Blitz und Donner nahe Zenith im SSE. **31.** Litt. a. La Ferrière: „Un coup de tonnere par minute, grêle pendant 6 minutes, grosseur des grêlons depuis un pois à une forte noisette; petit orage local paraissant en rapport avec le grand orage sur France". Inbezug auf ein litt. a vorausgehendes K in Frankreich, vide Titel „Donner". sagt der Bericht: „A 12^{53} p premiers roulements du tonnerre au WSW, le grondement du tonnerre est continuel, les éclairs peu distincts. Le centre orageux est à 12 km environ". Litt. b. Eptingen: „2^{55}–3^{08} p ▲ Körner von ungleichen Dimensionen bis zur Grösse einer Baumnuss". Liestal: 3^{15}–3^{20} p ▲, „beträchtlicher Schaden an den Kulturen". Litt. d. Champ-Fahy: „A 3^h p K sur la Suisse romande allant le long du Jura, tonnerres toutes les 5 minutes". Solothurn: „K nahe Zenith 3^{41} p, ▲ 3^{52}–4 p, 5 p ● und ▲ = 17.0 $^m/_m$ Wasser, um 3^{41} p nur 6 Sekunden zwischen Blitz und Donner, Schlossen erbs- bis haselnussgross; um 5 p konnte man noch Hände voll Hagelkörner zusammenlesen, Gras stellenweise wie gewalzt, dagegen Wiesen nicht überall weiss". Langenbruck: Donner bis 4^{45} p, im Zenith 4^{15} p, elektr. Entladungen häufig, mittelstark. Aarau: 4^{25}–4^{55} p spärlicher Donner, Wind vor den K: NE 1–2, während desselben NW 1–2, nachher E 0–1. Litt. e. Les Ponts: ▲ von Haselnussgrösse 4^{10}–4^{14} p. Le Locle: „▲ 4^{10}–4^{20} p, orage vint du Prévoux allant à Pouillerel". La Chaux-de-Fonds: „Forte averse de pluie et peu de grêle". La Ferrière: „De 4^{26} à 4^{27} p un peu de grêle, large K embrassant à son début tout l'horizon, une décharge élect. par minute". Delémont: „De 5^{15} à 5^{20} p la chute de grêle a été terrible, grêlons grosseur d'un pois, hauteur de la couche 8 $^m/_m$". Litt. f. Schüpfheim (Zeitungsnotiz): „Von einem orkanartigen Sturme gepeitscht, fielen die nahezu hühnereigrossen Hagelsteine zehn Minuten lang und richteten sehr beträchtlichen Schaden an. Das Gras ist in den Boden geschlagen, ebenso die Kartoffelblätter, die Bäume wurden nahezu entlaubt. Dutzende von Fensterscheiben wurden zertrümmert und auf den Dächern viele Ziegel zerschlagen. Die ganze Umgebung, in einer Breite von nahezu 700 Metern, war schneeweiss von Hagel und ganze Haufen Körner wurden an den Strassen des Dorfes aufgetürmt".

Juni 3. Litt. b. Lucens. Donner 3^{50}–4^{85} p, im Zenith 4^{20} p, ca. 25 Entladungen. Tösstal (Zeitungsnotiz): „Um 7 Uhr abends starkes Hagelwetter, besonders grosser Schaden in der Gemeinde Rikon; Wiesen wie niedergetreten, Gärten zerhackt". **4.** Litt. b. Lucens: Donner 3^{05}–3^{30} p in Intervallen von 1–10 Minuten, wovon drei in 15 Minuten Entfernung. **5.** Litt. b. Hinwil: „K stationär 3^{10}–3^{35} p, ▲ 2^{52-55} p und 3^{34-38} p, Schlossen 3–5 $^m/_m$ dick, drei bis vier kräftige elektr. Entladungen per Minute, vor dem K 23° C, nach demselben 17° C, K-Regen = 20.5 $^m/_m$". Bauma: K-Regen = 22.0 $^m/_m$. **15.** Litt. a. Grindelwald (Zeitungsbericht): „Hier ging am Sonntag, den 15. Juni, ein Gewitter mit ausserordentlichen Wassermengen nieder, an vielen Orten nahezu knietiefe Furchen in Strassen und Felder gerissen; fast in allen Häusern drang das Wasser in Keller und Stuben. Gewaltige Blitzschläge" (vide Verzeichnis). **17.** Litt. a. La Chaux-de-Fonds: „Beinahe fortwährend Donner und zeitweise starker Regen". La Ferrière: „L'orage s'est formé dans l'ESE, à 11^{35} a les premiers grondements se font entendre précédés d'éclairs de plus en plus vifs; à 11^{45} a les premières gouttes, de 12^{07} à 12^{12} p elles sont mélangées de grêle (pois et noisettes); à 11^{56} a un éclair éblouissant tombe sur une ferme à un km N de la station où un petit garçon venait de faire rentrer les seize vaches. A 5 p on pouvait encore à certains endroits ramasser les grêlons à la poignée". **18.** Litt. i. Frauenfeld: „Donner 7^{50}–8^{20} p, 7^{55}–7^{59} p Regen und schwacher Hagel, 8^{05}–8^{20} p Regen; elektr. Entladungen in 3–7 km Entfernung". Haidenhaus: Gewitter heftig, Tagessumme des Niederschlags 17.0 $^m/_m$. Litt. m. Zürich: „Nächste Entladungen 8^{33}, 8^{34} und 8^{35} p, alle in 4 km Distanz, die übrigen zwischen 5–7 km; von 8^{40-50} p alle $^1/_2$–1 Minuten Blitz und Donner, 8^{42} p schöner kreisförmiger Wolkenblitz in 8 km Distanz". **19.** Litt. e. Grosse Tagessummen des Niederschlags: Hitzkirch 47.5 $^m/_m$, Muri 36.5 $^m/_m$, Waldhalde 34.7 $^m/_m$, Hauptsee 30.4 $^m/_m$ (K-Regen = 17.1 $^m/_m$). **24.** Litt. d. Zürich: „Zwischen 3^{08} und 3^{09} p dreimal Donner im SW, ebenso zu folgenden Zeiten: 3^{13}, 3^{15}, 3^{16} und 3^{07} p in 3–4 km, 3^{20} und 3^{21} p nahe im SW, 3^{23} p Blitzschlag ganz nahe im SW". Kölliken: „Drei heftige Entladungen in kurzen Intervallen". Litt. e. Grosse Tagessummen: Rickenbach 31.7 $^m/_m$, Wesen 29.0 $^m/_m$, Nesslau 34.7 $^m/_m$, Starkenbach 39.4 $^m/_m$.

Juli 14. Litt. c. Aarau: „Längerer ⚡-Zustand mit Wiederholung der Intensitätsmaxima (vide auch litt. b) und zeitweise starkem Platzregen". Zürich: „8^{36} p Blitzschlag in der Richtung gegen den Egelsee, $8^{37}/_2$ und 8^{38} p hinter dem Hasenberg, $8^{38}/_2$ p über Birmensdorf, 8^{40} p Donner im W, 8^{42} p Wolkenblitz im W, hoch, dann Entladungen in der Ferne alle 1—2 Minuten". Litt. e. Rickenbach: „Aufleuchtende Blitze ringsum auch später noch sichtbar; im SW und NE leichter Donner hörbar bis nach 0^h". Litt. g. La Ferrière: „Cet orage s'est principalement produit sur France, la frange du nuage orageux se tenant sur la vallée du Doubs à 4 km NW, éclairs lointains à l'W toute la soirée; le ciel, excepté le secteur SW à E, est strié de larges bandes de stratus noirs, illuminées toutes les 30 secondes par des décharges se produisant dans les zônes plus élevées. De 10^{15} à 10^{30} p j'observe quatre éclairs au zénith, le sillon lumineux se dessinant entre nuages, mais bien au-dessus de la zône des stratus. Le roulement qui paraît se répercuter d'une extrémité du ciel à l'autre met 8 secondes à se faire entendre, l'altitude du nuage se chiffrerait ainsi à 2500 ou 3000 m au-dessus du sol; pendant ce temps calme absolu de l'air et quelques rares gouttes de pluie seulement de 10^{05} à 10^{07} p". (Herzog, pasteur.) **14./15.** Litt. a. Basel: „Donner 10^{40} p–0^{20} a, im Zenith 10^{50} p; das ⚡ scheint sich über Basel geteilt zu haben, indem die meisten späteren Entladungen im SE, eine ganze Reihe aber auch im NE (vide litt. b), keine dagegen im E beobachtet wurde". Blitzschläge, vide Verzeichnis. Langenbruck: Elektrische Entladungen ziemlich häufig und stark. Balsthal: ⚡ kurz und stark. Zürich: ⚡ 1^{30}–1^{45} p nahe Zenith. Uster: 1^{47}–1^{54} p ▲ wie kleine Haselnüsse. Eschlikon: Tagessumme des Niederschlags = 20.3 $^m/_m$. **22.** Litt. b. Zuoz: „Böe mit Platzregen und 5^{30} p Donner eines das Engadin zwischen Zuoz und Bevers querenden Zuges (NW nach SE); der Hagel lag später noch lange in den Strassengräben". Dr. B. Litt c. Grosse Tagessummen des Niederschlags: Buchsteg 22.1 $^m/_m$, Vitznau 32.5 $^m/_m$, Gersau 26.6 $^m/_m$, Rigi-Scheidegg 45.0 $^m/_m$, Hauptsee 33.7 $^m/_m$, Lachen 39.4 $^m/_m$ (wovon 25.4 $^m/_m$ von 8^{25} bis $10^3/_4$ p), Oberkirch 34.4 $^m/_m$, Nesslau 30.6 $^m/_m$, Schwäbrig 22.0 $^m/_m$. Litt. e. La Ferrière: „Cet orage est venu de France, s'avançant lentement dans la direction NNW-SSE et embrassant tout l'horizon; un tonnerre par 3 minutes, faible (à une très grande altitude)". Champ-Fahy: „⚡ est venu de la Franche-Comté, chaque minute formidables éclairs et forts coups de tonnerre". Boudry: Starker Joran. Lucens (près Moudon): „Rafales de vent terribles et soudaines". Grosshöchstetten: ⚡ im Zenith 9^{45} p, Richtung W nach SE, Wind W_2. Litt. f. Zürich: „Von 9 p an Blitze hinter der Linie Uto bis Annaburg, 9^{04} p heftiger Donner im SW, $9^1/_2$ p SW_4, 9^{40-42} p dreimal Blitz und Donner im WSW, hoch, 9^{46} p Donner nahe, 9^{48} p in nur 1 km, 9^{55} p in 3 km Distanz". Litt. g. Ueber den Genfersee ging ein heftiger Sturm, der in La Tour-de-Peilz als eigentlicher Wirbelwind auftrat: „A la Tour-de-Peilz, dans la propriété de M^{lle} H., à la rue des Remparts, un grand et très vieux noyer a été brisé à la hauteur de 4 mètres, toutes les branches se sont abattues autour de lui sans causer de dommages appréciables aux maisons à côté desquelles il se trouvait". (Feuille d'avis de Vevey). Auch am savoyischen Ufer, z. B. Thonon, starkes ⚡ mit Blitzschlägen und Hagel. Litt. k. Lugano (Zeitungsnotiz): Die Ortschaften der Alta Collina d'Oro und der mittlere Malcantone litten schwer vom Hagel. Im ganzen niederen Tale Muggio ist die Landschaft wie abrasiert, eine grosse Anzahl Schornsteine und Fenster zertrümmert, an verschiedenen Orten Telephonleitungen zerstört; ebenso grosser Schaden in der Gegend von Monza (Oberitalien). **27.** Litt. a. Champ-Fahy: 3^{50}–4 p Hagel mit heftigem Regen über Diesse u. Umgebung. **30.** Litt. a. Vallorbe: „De 3^{20} à 4^{10} p ⚡ d'une grande violence, grêle et pluie, forts coups de vent, eau mesurée sitôt après l'orage 41.6 $^m/_m$, à 3^{30} p la nuit était telle qu'on n'aurait guère pu lire dans les appartements". (C. Jaquier.) La Brévine: Hagel etwa 10 Minuten lang wie Baumnüsse. La Chaux-de-Fonds: „Dem ⚡ vorausgehend ein sehr heftiger Windstoss, seit 4^{08} p im SW Donner, 4^{30} p ganz finster, Wirbelwind, 4^{40}–5 p ⚡ von sehr grosser Heftigkeit, Hagel wie Baumnüsse mit Platzregen, weniger stark seit 5 p. Champ-Fahy: „Quelques grêlons à Lignières mêlés à la pluie". Forstamtliche Berichte. Vallorbe: „Une trombe de grêle mêlée de pluie, venant de la Dent-de-Vaulion, se dirigeant au Mont d'Or et Suchet a causé beaucoup de dégats aux chemins". (Garde Matthey.) Ballaigue: „L'orage de grêle avec grand vent a presque tout à fait anéanti les récoltes de chez Thouny, le Prugnon, Pré des Champs et Les Cernys". (Garde forestier Bourgeois.) L'Auberson: „Les jardins et les blés sont presque anéantis. Les chemins sont ravinés, le sol de la forêt est recouvert de branches, de jeunes pouces et de feuilles coupées par les grêlons. A 4^h du soir on trouvait encore des grêlons de la grosseur d'une bonne noix dans des amas de grêle de 20 à 30 $^m/_m$ d'épaisseur". (Garde forestier Gouthier.) La Sagne près Ste Croix: „Depuis 4^h véritable ouragan (les grêlons sont comme de gros marbres), tout est hâché, les vitres brisées ne se comptent plus". (Garde forestier Junod.) Zeitungsberichte. Nyon: „Mercredi, 30 juillet, après-midi, vers 3^h et quart un orage soudain autant que violent a éclaté sur Nyon et la région de la Côte. D'énormes grêlons, tombant sans pluie et abîmant les jardins, la vigne et les récoltes. Peu après ce fut le tour de la pluie survenant en trombe, accompagnée de nouvelles chutes de grêle. Le peu de raisins qui restaient encore après la grêle de la semaine dernière est presque anéanti. La chute de grêlons a duré pendant vingt minutes à peu près". (Nouvelliste vaudois.) Le Pont: „Mittwoch abend richtete ein Platzregen und Hagelschlag im Jouxtale grossen Schaden an. Viele Scheiben wurden eingeschlagen und die Keller überschwemmt". (N. Zürcher Zeitung.) Granges, Auberson, Ste Croix: „Dans cette contrée l'orage de mercredi a été d'une violence épouvantable. Les grêlons, gros comme des noix ont fait des dégâts considérables aux jardins; quantité de vitres ont été brisées; dans une seule maison „Vers le Bois", il n'y en a pas moins de cinquante-six. Les arbres sont abîmés et en partie dépourvus de leurs feuilles. Eclairs et tonnerres se succédaient sans interruption". (Nouvelliste vaudois.) Chasseron: „Ein furchtbares Gewitter entlud sich am 30. Juli zwischen halb 4 und halb 5 Uhr über der Gegend von Chasseron. Es brach ein Hagelwetter los, dem eine halbe Stunde lang gewaltige Regengüsse folgten. Von den bewaldeten Abhängen gegen Ste Croix und Les Rasses wälzten sich von allen Seiten Schlammbäche über die schönen Weiden, die im Nu in grosse Wasserflächen verwandelt wurden". (N. Zürcher Zeitung.) Starke Tagesniederschläge: Nyon 39.2 $^m/_m$, Vaulion 20.0 $^m/_m$, Baulmes 22.0 $^m/_m$, Vallorbe 43.7 $^m/_m$, Les Ponts 29.4 $^m/_m$, La Brévine 41.7 $^m/_m$, Brot 20.4 $^m/_m$. Litt. c. Guttannen: „Häufige und heftige Entladungen". Göschenen: „8^{10} p kleine Hagelkörner". Gurtnellen: „In der Umgebung Verheerungen durch Hochwasser". Altdorf: „In Erstfeld ⚡ sehr stark, hier Donner dreimal heftig, sonst schwach". Elm: „Viele und sehr starke el. Entladungen". Tagessummen des Niederschlags: Interlaken 56.5 $^m/_m$, Engelberg 24.0 $^m/_m$, Gurtnellen 20.5 $^m/_m$.

August 5. Litt. f. Zürich: „Wetterleuchten von 9^{10} p an, 9^{15} p ein sich schlängelnder Blitz scheinbar vor der Fallätsche hinunter, Donner aber nicht hörbar; 9^{45} p Blitz in südwestlicher Richtung, 7 km entfernt; Blitz und Donner ca. alle 1–2 Minuten, fortwährend Blitzschein hinter den Wolken bis 10^{15} p; Donner bis gegen $10^1/_2$ p. Regen 10^{07}–10^{10} p, dann wieder ganz schwach nach $10^1/_2$ p, stark aber erst von 2^{10} a (⚡ b, 5./6. Aug.) an". Niederuster: „⚡ in Kirchuster viel kräftiger, kam rasch und zog wieder rasch ab". Winterthur: „Schon $9^1/_2$ p Blitze im SW und S, aber erst nach 10 p dehnte sich das ⚡ nach NE aus". **5./6.** Litt. a. La Ferrière: Verschiedene Blitzschläge, vide Verzeichnis. Champ-Fahy: Donner 11^{35} p–1^{15} a „Les éclairs et le tonnerre étaient continus, principalement sur le vallon de St. Imier". Eptingen; El. Entladungen häufig und sehr stark. Litt. b. Basel: 0^h–1^{20} a ca. 60 elektr. Entladungen. Wintersingen: Entladungen ziemlich häufig, mittelstark. Schleitheim: 1–2 a ⚡ ringsum. Hallau: 1^{20}–2^{10} a el. Entladungen reichlich und stark. (Ebenso Wilchingen, Lohn und Stein.) Grosser Tagesniederschlag: Kreuzlingen = 24.8 $^m/_m$, Wintersingen 18.8 $^m/_m$, dann folgen Wilchingen, Liestal, Wittnau und Möhlin mit je $14^1/_2$ $^m/_m$, Lohn mit 14.0 $^m/_m$. **6.** Litt. a. La Ferrière: „4 coups seulement, entre nuages, faibles". Basel: „10^{46}–11^{37} a ca. 20 el. Entladungen hauptsächlich 5 km im NW nach NE, 10^{50}–10^{55} a = 4.2 $^m/_m$

Regen". Langenbruck: Elektr. Entladungen häufig und ziemlich stark. In Wintersingen, Möhlin, Aarau, Wilchingen, Hallau und Lohn waren die Entladungen reichlich und stark". Stein a. Rhein: „Wirbelsturm, der an einem Gebäude Teile des Daches abdeckte und zwei Fenster demolierte, heftiger Platzregen". Grosse Tagessummen des Niederschlags: Barmelweid 26.0 $^{m}/_{m}$, Möhlin 22.7 $^{m}/_{m}$, Winterthur 32.1 $^{m}/_{m}$, Eschenz 31.8 $^{m}/_{m}$, Steckborn 25.6 $^{m}/_{m}$, Diessenhofen 33.4 $^{m}/_{m}$. **19.** Litt. c. Zürich notierte: 2^{07}–2^{55} p Donner, 2^{10} und 2^{11} p stark, im E, 2^{15} p im SW, 2^{23-25} p dreimal im E, 2^{26-39} p viermal im E und SE, 2^{34} p Blitzschlag im E, 2^{40-45} p zeitweise fortwährendes Donnerrollen im E. Grosse Tagessummen des Niederschlags: Degersheim 20.0 $^{m}/_{m}$, Herisau 17.1 $^{m}/_{m}$, St. Gallen 33.7 $^{m}/_{m}$ (wovon 28.7 $^{m}/_{m}$ als ⍂-Regen), Altstätten 26.0 $^{m}/_{m}$ (wovon 23.6 $^{m}/_{m}$ bis $4^{1}/_{2}$ p). Degersheim und St. Gallen melden „Wolkenbruch"; in der Stadt bildeten sich infolge Stauung des Wassers ganze Teiche. **24.** Litt. d. Basel: „7^{27}–8^{30} p einige Dutzend elektr. Entladungen, $8^{1}/_{2}$ p bis gegen 0^{h} Blitze im S und N". Wintersingen: „El. Entladungen zahlreich". Liestal; „7^{40}–8^{15} p Regen mit einzelnen Hagelkörnern". Möhlin: „Blitz und Donner 7^{58}–9 p von W nach NE; ein neues ⍂ zog sofort im Schwarzwald von W nach E vorüber, um 11^{h} p noch starkes Wetterleuchten". **25.** Litt. a. Aarau: meldet zahlreiche Blitze, Hinwil: „In je 5 Minuten zwei starke el. Entladungen". Wädenswil, Lachen und Obstalden berichten: „Entladungen sehr häufig", Einsiedeln und Säntis: „Heftiges ⍂". Grosse Tagesniederschläge für den 24./25.: Einsiedeln 36.0 $^{m}/_{m}$, Unterägeri 27.0 $^{m}/_{m}$, Lachen 26.9 $^{m}/_{m}$, Ebnat 21.4 $^{m}/_{m}$, Starkenbach 44.1 $^{m}/_{m}$, Wildhaus 48.5 $^{m}/_{m}$, Altstätten 25.8 $^{m}/_{m}$, Säntis 50.9 $^{m}/_{m}$. Litt. d. Grosse Tagesniederschläge vom 24./25.: Küsnach 20.3 $^{m}/_{m}$, Rigi 29.4 $^{m}/_{m}$, Weggis 24.0 $^{m}/_{m}$, Vitznau 28.0 $^{m}/_{m}$, Sattel 25.6 $^{m}/_{m}$, Iberg 23.3 $^{m}/_{m}$, Bisisthal 29.8 $^{m}/_{m}$. **29.** Alinea vor litt. a. La Brévine: „Grêle entre 3 et 4 heures pendant 20 à 30 minutes, grêlons mesurant jusqu'à 10 $^{m}/_{m}$ de circonférence et formés de plus petits grêlons agglomérés". Les Ponts: „3^{20} à 3^{30} p ▲, les grêlons étaient de la grosseur de grosses noix". Litt. a. La Chaux-de-Fonds: 5^{45}–6 p ▲; Les Ponts: 5^{35}–5^{40} p ▲; Neuchâtel: Lang andauernde Blitze in allen Richtungen, 5^{20} p ▲; Büren z. Hof: 6^{15}–7 p Sturzregen; Lyss: 6^{27}–6^{55} p heftiger Blitz und Donner, am nächsten 6^{27} p (2 km)". Litt. k (29./30.). Im Waadtländer Jura muss es heftig gestürmt haben, hierüber berichtet der Beobachter von Le Sentier: „Un premier orage a éclaté entre 11 et $11^{h}1/2$ du soir; il a été suivi d'un second très fort. Le toit du chalet de l'alpage La Lande a été emporté par fragments qui ont été projetés jusqu'à 200 m de distance, des arbres du même alpage ont beaucoup souffert: 3 à 400 sapins ont été ou déracinés ou brisés net à des hauteurs diverses; un énorme sapin de 1 m de diamètre a été cassé presque net à un mètre au-dessus du sol. Tous les débris ont été emportés et couchés dans une même direction, ce qui prouve qu'il n'y a pas eu de mouvement giratoire de l'air. Dans le village Le Brassus de nombreuses cheminées ont été renversées, des toits légèrement abîmés. La largeur de la zone endommagée est d'environ 200 m. L'orage a été accompagné de violentes décharges électriques et d'une copieuse chute d'eau: 36.0 $^{m}/_{m}$ à la station Le Solliat, 35.1 $^{m}/_{m}$ à la station Le Sentier". Grosse Tagesniederschläge, hauptsächlich von litt. a und k herrührend: Vallorbe 24.5 $^{m}/_{m}$, La Brévine 39.2 $^{m}/_{m}$, Les Ponts 49.5 $^{m}/_{m}$ (wovon 34.9 $^{m}/_{m}$ als erster, 5.6 $^{m}/_{m}$ als zweiter ⍂-Regen), Brot 54.9 $^{m}/_{m}$, Chambrelien 44.0 $^{m}/_{m}$, Serrières 27.8 $^{m}/_{m}$, Valangin 40.6 $^{m}/_{m}$, Chaumont 26.0 $^{m}/_{m}$, Malvilliers 42.2 $^{m}/_{m}$, Cernier 50.4 $^{m}/_{m}$, Les Brenets 22.2 $^{m}/_{m}$, Dombresson 25.0 $^{m}/_{m}$. Ueber ein vor dem ⍂ k, jenseits des Jura stehendes Gewitter berichtet der Beobahter von Clarens: „Abends 10^{h40} beobachtete ich als Passagier des Bahnzuges Fribourg-Lausanne hinter dem Jura ein prächtiges ⍂ mit bis über 30 Blitzen in der Minute; einige verliefen von unten nach oben und schienen aus den Bergspitzen des Jura zu kommen, was doch wohl nur eine Täuschung war, denn das Gewitter stand weiter hinten; um 1^{h} a (30.) blitzte und donnerte es hier im W". **30.** Litt. d. Appenzell (N. Zürcher Zeitung): „Heute abend entlud sich im Alpsteingebiet ein heftiges Gewitter mit wolkenbruchartigem Regen. Die Sitter ist sehr stark angeschwollen und droht stellenweise über die Ufer zu treten". Tagessummen des Niederschlags: Obstalden 48.0 $^{m}/_{m}$ (wovon 31.8 $^{m}/_{m}$ als ⍂-Regen), Walenstadt 32.9 $^{m}/_{m}$, Säntis 45.0 $^{m}/_{m}$, Appenzell 36.3 $^{m}/_{m}$, Schwäbrig 27.8 $^{m}/_{m}$, Heiden 21.0 $^{m}/_{m}$, Altstätten 33.4 $^{m}/_{m}$.

September 1. Litt. a. Aus Lausen (Baselland) wird dem „Journal de Genève" über einen merkwürdigen Fall von Leitung durch den nassen Erdboden berichtet: „La foudre était tombée sur le bâtiment des transformateurs de l'Electra qu'on est en train de reconstruire. Avant qu'on eût fini de réparer les perturbations causées, le bataillon 53, qui traversait le village passait à un endroit où le sol était encore électrisé. Les chevaux donnèrent des marques d'une vive agitation, et celui d'un capitaine fut tué net par le courant". Litt. i. Ste Croix (Zeitungsbericht): „Une trombe de grêle a sévi sur Ste Croix et la campagne environnante. La foudre est tombée à plusieurs reprises" (siehe Verzeichnis). Grosse Tagesniederschläge: La Brévine 26.0 $^{m}/_{m}$, Les Brenets 21.3 $^{m}/_{m}$. Litt. o. Laut Notierung von Bern, Büren z. Hof, Grosshöchstetten, Langnau, Wasen, Balsthal war das ⍂ durch häufige und starke elektr. Entladungen charakterisiert; Zürich schreibt: „Nach $8^{1}/_{2}$ p Blitz und Donner im W. Aus Avenches wird dem „Journal de Genève" berichtet: „Lundi soir (1^{er} septembre), entre 6 et 7^{h}, deux violents orages se sont succédés sur le Vully et la Broye", Villars-le-Grand ⍁ (vide Verzeichnis). Aus Sumiswald wurde vorgenanntem Blatt gemeldet: „Une chute de grêle épouvantable a dévasté la contrée et détruit les récoltes qui pour la plupart n'étaient pas encore rentrées". **4.** Litt. e. Montcherand: „8^{30}–$9^{1}/_{4}$ p de 100 à 150, en moyenne 120, décharges par minute, à $9^{h}3/_{4}$ p il y en avait encore en moyenne 10 par minutes et à 10^{h} encore 5 par minute". Champ-Fahy: „C'est le plus gros orage que j'aie observé depuis plusieurs années, les tonnerres font trembler les maisons, de 8^{15} à 9^{30} p pluie diluvienne, 8^{15} p–7^{30} a (5.) = 40.0 $^{m}/_{m}$. De 8 à $9^{1}/_{2}$ p les éclairs diffus ne formaient qu'une vibration électrique continue, les éclairs linéaires étaient plus rares; par moments la pluie était si dense qu'il en tombait plus de 1 $^{m}/_{m}$ par minute". Büren z. Hof: „Die Blitze zuckten fürchterlich, der Donner krachte schrecklich". Weissenstein: „Sehr starkes ⍂". Basel: Donner 9^{15}–10^{55} p, ca. hundertmal, im Zenith, resp. nur 2 km entfernt 9^{37} p, Richtung W nach E bei W_2, 9^{30-40} p 8 $^{m}/_{m}$ Regen. „In der zweiten Hälfte des ⍂ waren die Entladungen auf die ganze Breite von N über E nach S verteilt. Blitze von 9 p an im W und bis $11^{1}/_{2}$ p im S". Aarau: „Riesiges ⍂, der Himmel war ein Flammenmeer". Möhlin: „Zwei ⍂ miteinander, eines im SW nach E, das andere im NW nach E. Kölliken: „Die erste starke Entladung um 10 p nahe der Station, dann folgten sie immer häufiger, bald näher, bald ferner, im E und im S, bis 11 p". Auch alle übrigen Stationen, selbst die im äussersten Osten (Lohn 13.9 $^{m}/_{m}$, Diessenhofen 15.5 $^{m}/_{m}$ und Buch 14.3 $^{m}/_{m}$) bezeichnen das ⍂ als heftig. Grosse Tagessummen des Niederschlags waren: Chaumont 31.0 $^{m}/_{m}$, Lyss 21.0 $^{m}/_{m}$, Herzogenbuchsee 20.4 $^{m}/_{m}$, Weissenstein 29.0 $^{m}/_{m}$, Feldbrunnen 29.1 $^{m}/_{m}$, St. Urban 25.8 $^{m}/_{m}$, Wintersingen 37.8 $^{m}/_{m}$ (wovon 25.7 $^{m}/_{m}$ als ⍂-Regen), Herbetswil 29.4 $^{m}/_{m}$, Rheinfelden 24.0 $^{m}/_{m}$, Möhlin 23.0 $^{m}/_{m}$. **14.** Schwarzenburg schreibt: „Furchtbares Hagelwetter". Montcherand: „Donner 2^{10-50} p, in Zenith 2^{20} p, Regen 2^{15-35} p, Richtung Vallorbe-Yverdon". La Ferrière: „Une décharge par 5 minutes, faibles, sauf un coup très fort et très rapproché à 3^{18} p". Champ-Fahy: „⍂ au zénith de la station à 3^{30} p, 2^{50}–4 p pluie peu dense, pendant quelques secondes mélangée de grésil. Décharges chaque minute, plusieurs très fortes, céréales renversés, chemins par places ravinés. Lyss: „Stürmisch, Entladungen mässig stark, 6–10 Sekunden Intervall zwischen Blitz und Donner". Grosshöchstetten: „⍂ im Zenith 4^{15} p, ▲ 4^{15-18} p, Hagelsteine von Erbsen- bis Haselnussgrösse, viel Laub von den Bäumen geschlagen, Gras in den Boden gehackt, Westwind bis zur Stärke 5". Solothurn: „Zwei ⍂, eines von 4–5^{10} p, das andere etwas später, im S vorbei; im ganzen ca. 45 ziemlich starke elektr. Entladungen". Langnau: $4^{1}/_{4}$–$4^{1}/_{2}$ p starkes Hagelwetter von SW über das Dorf bei W_4, ganze Flächen wie überschneit, Kulturen arg zerschlagen". Basel: „4^{23}–5^{05} p Blitz und Donner im SE bis E in 5–10 km Distanz. ca. 10 elektr. Entladungen,

4^{30-50} p = 8 mm Niederschlag; von 3^{30}–4^{40} p Temperatur um 6° gestiegen". Aarau: „Donner 5^{10}–6 p, starker Regen 5^{15}–6^{05} p bei SW$_{2-3}$, Entladungen zahlreich und stark". Zürich: „Seit 4 p Himmel sich überziehend, von W her bedeckt, 5^{25}–6^{05} p Donner fast ununterbrochen im SSW bis S, 5^{35} p Blitz und Donner in 3 km, 5^{52} p nahe Zenith, 5^{54} p 3 km im S, 5^{56} p 1 km östlich, 6 p sehr starker Donner, 6^{03} p Donner 3 km im E". Wädenswil-Dorf: „5^{57}–6^{02} p ▲, Breite des Striches ca. 1 km. Hauptrichtung: Hirzel, Burstel, Kalchstaen, Hengainmoos, Müsli, linker Dorfteil, See, oberer Teil von Männedorf; Steine wie grosse Kirschen, drei Körner fand ich von 2 cm Durchmesser, aber etwas platt gedrückt". (H. Baumann.) Wädenswil-Schloss: „Hagelkörner 12–18 mm im Durchmesser, die meisten 16 mm". (Dr. Hofer.) Lachen, ausser dem K-Bereich, schreibt unter anderem: „Als ich abends $6^{1}/_{2}$ p von Siebnen nach Lachen ging, kam ein Wind von der Stärke 4, den Staub hoch aufwirbelnd; ein furchtbarer Hagelschlag weit herum, von Zug im Bogen über Wädenswil bis Hinwil. Wir hatten hier, den Wind abgerechnet, kein Wetterungemach. Erst von ca. morgens 4^{h} (des 15.) an regnete es hier; Messung $7^{1}/_{2}$ a 8.6 mm. Hinwil: „Zwei mittelstarke elektr. Entladungen in 5 Minuten, Temperatur vor dem K 17°, nachher 14° C. Hagel 6^{05}–6^{15} p, Schaden gering, weil Hagel stark mit Regen gemischt und zudem die Bäume leer waren". Bachtel: „Hier kein Hagel, dagegen über Hinwil". Uster: „Hagel 6^{04}–6^{06} p". Lohn: „Donner 5^{15}–6^{50} p reichlich und stark; im Zenith 6^{15} p, Wind Ws–4. Regen $9^{1}/_{2}$ p gemessen = 7.8 mm". Stein a. Rhein: „K im Zenith 6^{30} p, Wind SW$_{4}$, Entladungen spärlich".

Oktober 8./9. Bellinzona (Zeitungsnotiz): „Heute morgen 4 Uhr ist zwischen Cadenazzo und Reazzino vom Hochwasser des Tessin der Eisenbahndamm auf eine Länge von 150 m weggeschwemmt worden. Die Lokomotive und der Postwagen des Frühzuges Bellinzona-Locarno mit Bedienung, sowie ein unbesetzter Personenwagen sind in den Fluten verschwunden und zwei Personen ertrunken. Im Centovallital wurden zwei Bahnarbeiter durch einen Erdrutsch verschüttet".

November 12./13. Litt. a. Les Rouges s. Chéserex meldet: „Tonnerre depuis 8^{h} toute la nuit"; Montcherand: Donner $11^{1}/_{4}$–$11^{1}/_{2}$ p, ebenso 2 a und 5 a. Lucens: Starker Regen $8^{1}/_{2}$ p–0^{10} a, Donner im Zenith 11^{30} p, alle 1–2 Minuten ein sehr greller Blitz mit starkem Donner. Champ-Fahy: K im Zenith 11^{40} p Entladungen jede Minute, sehr heftig. Litt. a und b. Tagessummen des Niederschlags: Genf 36.7 mm, La Cure 29.2 mm, Vallorbe 37.5 mm, Cossonay 44.8 mm, Vaulion 46.7 mm, Montcherand 44.4 mm, Romont 53.1 mm, St. Sulpice 36.5 mm, Fontainemelon 53.8 mm, Payerne 50.2 mm, Boudry 47.4 mm, Valangin 56.2 mm, Dombresson 47.6 mm, La Ferrière 44.9 mm, Champ-Fahy 56.0 mm, Biel 53.1 mm, Bellelay und Lyss je 42.6 mm, Malvilliers 61.0 mm.

b) Verzeichnis der in der tabell. Uebersicht nicht erwähnten hagelbeschädigten Gemeinden:

Mai 10. Litt. c. Basel-Augst. Rheinfelden, Möhlin, Zeiningen, Wallbach, Mandach, Leuggern. Litt. d. St. Antoni (Kt. Freiburg), Rüeggisberg, Arni, Landiswil, Rüderswil, Schangnau, Kirchberg, Ersigen, Oberösch, Hellsau, Wiedlisbach, Oberbipp, Wolfisberg, Aarwangen (Kt. Bern), Aeschi, Bolken (Solothurn), Flühli, Entlebuch, Schwarzenberg, Malters, Kriens (Kt. Luzern). **17.** Litt. a. Romont (Freiburg), Wahlern, Rüschegg, Rüthi, Rüeggisberg, Wynigen (Kt. Bern), Luthern, Ufhusen, Fischbach, Zell, Wauwil, Mauensee, Rickenbach, Pfeffikon (Kt. Luzern), Gontenschwil, Menziken, Burg, Reinach, Beinwil, Birrwil, Bettwil, Boswil (Aargau). Litt. b. Eggiwil, Schangnau (Kt. Bern), Marbach, Escholzmatt, Schüpfheim (Kt. Luzern). Litt. c. Hochwald, Gempen (Kt. Solothurn), Arisdorf, Liestal, Bubendorf (Baselland). Litt. d. Sihlwald, Adliswil, Horgen, Oberrieden, Thalwil, Kilchberg, Zollikon, Uster (Kt. Zürich), Aadorf, Dussnang, Fischingen, Braunau, Lanterswil, Toos, Mettlen, Schönholzerswilen (Thurgau), Kirchberg, Bütschwil, Oberhelfenswil, Ganterswil, Lütisburg, Wil, Mogelsberg, Degersheim, Oberuzwil (Kt. St. Gallen). **31.** Litt. b. Laufen, Wahlen, Blauen, Zwingen, Nenzlingen, Duggingen (Kt. Bern), Hochwald, Gempen, Büren (Kt. Solothurn), Aesch, Pfeffingen, Liestal, Füllinsdorf, Arisdorf, Eptingen, Maisprach, Wintersingen, Buus (Baselland), Zuzgen (Aargau). Litt. d. Ueberstorf (Kt. Freiburg), Bern, Bolligen, Burgdorf, Oeschenbach, Ursenbach, Rohrbachgraben, Dürrenroth, Wasen, Madiswil, Reisiswil, Arch, Leuzingen, Wiedlisbach, Wangen, Walliswil, Ober- und Niederbipp, Berken (Kt. Bern), Solothurn, Bettlach, Selzach, Nennigkofen, Lüsslingen, Bellach, Längendorf, Luterbach, Flumenthal, Deitingen (Kt. Solothurn). Litt. e. St. Sulpice, Les Ponts, Le Locle, La Chaux-de-Fonds (Kt. Neuenburg), La Ferrière, Montfaucon, Epiquerez, Montfavergier, St. Brais, Epauvilliers, Saulcy, Bellelay, Montmelon, Boécourt, Glovelier, Bévilard, Develier, Courfaivre, Delémont, Rossemaison, Choindez. Litt. f. Lohnstorf, Mühlethurnen, Kirchberg, Jaberg, Arni, Lauperswil, Langnau (Kt. Bern), Escholzmatt, Schüpfheim, Hasle, Romoos, Entlebuch.

Juni 3. Litt. d. Eggiwil, Schangnau, Freimettigen, Ausserbirrmoos, Aeschlen, Bleiken, Oberdiessbach, Herbligen, Oberwichtrach, Wahlern. **5.** Litt. a. Gerzensee, Niederwichtrach, Tägertschi, Münsingen, Gysenstein, Schlosswil, Grosshöchstetten, Stalden. Litt. b. Hinwil, Wetzikon, Pfäffikon, Bäretswil (Kt. Zürich), Dussnang, Aadorf (Thurgau). **16.** Litt. b. Grindelwald, Sigriswil, Strättligen, Thierachern, Thun, Uetendorf. Litt. c. Le Châtelard, Charmey, Cerniat, Montévraz, Essert, Rechthalten, St. Ursen, Alterswil (Kt. Freiburg), Oberbalm (Kt. Bern). **17.** Litt. b. Oberschrot, Giffers, Neuhaus, Plaffeien, St. Antoni (Kt. Freiburg), Gsteig b. Saanen, Kirchdorf, Gelterfingen, Gerzensee, Belpberg, Jaberg, Kiesen, Niederwichtrach, Brenzikofen, Freimettigen, Sumiswald, Wyssachen, Eriswil (Kt. Bern), Hergiswil, Willisauland (Kt. Luzern). **19.** Litt. e. Willisauland, Hergiswil, Romoos, Werthenstein, Root, Udligenswil (Kt. Luzern), Steinhausen (Kt. Zug). **24.** Litt. e. Luzern, Meggen, Weggis, Vitznau, Gersau, Morschach, Nesslau, Urnäsch. **27.** Litt. g. Hemmerswil, Roggwil, Amriswil, Egnach (Thurgau), Wittenbach, Häggenschwil, Thal (Kt. St. Gallen).

Juli 14./15. Litt. a. Willisauland, Buttisholz, Nottwil, Eich, Neudorf, Menznau, Ruswil, Römerswil, Sempach (Kt. Luzern), Beinwil, Auw (Aargau). **22.** Litt. c. Hergiswil, Romoos, Entlebuch, Wolhusen, Werthenstein, Ruswil, Malters, Schwarzenberg, Luzern, Kriens, Horw, Meggen, Weggis, Vitznau (Kt. Luzern), Wollerau, Freienbach, Lachen, Wangen (Kt. Schwyz), Nesslau (Kt. St. Gallen); ebenso am Pilatus und auf Rigi-Scheidegg. Litt. g. Givrins, Trélex, Genollier, Vich, Borex, Signy, Duillier, Gland, Crans, Nyon, Prangins (Waadt), Céligny, Collex-Bossy, Grand-Saconnex, Bellevue (Kt. Genf), Moëns (France). **27.** Litt. a. Luins, Vinzel, Bursins, Gilly, Tartégnins, Essertines, Féchy, Allaman, Aubonne, Cossonay, Lucens (Waadt), Twann, Champ-Fahy, Nods, Diesse, Lamboing, Fraubrunnen, Utzenstorf, Kirchberg, Burgdorf, Ersigen, Niederösch, Oberösch, Heimiswil, Rüegsau, Lützelflüh, Wynigen, Affoltern, Sumiswald, Walterswil, Wasen, Dürrenroth, Wyssachen, Eriswil (Kt. Bern), Lommiswil, Oberdorf, Längendorf, Günsberg (Kt. Solothurn), Luthern, Willisauland, Romoos, Menznau (Kt. Luzern), Zofingen (Aargau). **28.** Litt. a. Willisauland, Menznau, Wolhusen, Werthenstein, Inwil, Root, Udligenswil, Meierskappel; ebenso am Pilatus. **30.** Challex (France), Dardagny, Avully, Russin (Kt. Genf), Nyon, Duillier, Givrins, Genollier, Coinsins, Vich, Prangins, Le Lieu, Vaulion, Vallorbe, Ballaigue, Baulmes, l'Auberson, La Sagne près Ste Croix, Vuitteboeuf (Waadt), St. Sulpice, La Brévine, Geneveys s. C., Coffrane, Boudevilliers, Hauts-Geneveys, La Chaux-de-Fonds, Cornaux, Cressier, Landeron (Kt. Neuenburg).

August 24. Litt. d. Duggingen (Kt. Bern), Bärschwil, Gempen (Kt. Solothurn), Pfeffingen, Aesch, Pratteln (Baselland). **25.** Litt. b. Röthenbach, Eggiwil, Schangnau (Kt. Bern), Luthern, Hergiswil, Willisauland, Menznau (Kt. Luzern). **29.** Litt. a. Le Locle, Bôle, La Chaux-de-Fonds, La Ferrière, Cortaillod, Boudry, Colombier, Montmollin, Rochefort, Corcelles-Cormondrèche, Auvernier, Peseux, Geneveys s. C., Coffrane, Boudevilliers, Serrières, Neuchâtel. Vide auch Seite 20, Alinea vor litt. a. **29./30.** Litt. k. Avully, Bernex, Confignon, Petit-Saconnex, Grand-Saconnex, Prégny, Genthod, Hermance (Kt. Genf).

September 1. Litt. a. Villars (France), Fahy, Chevenez, Bure, Buix, Bourrignon, Röschenz, Laufen, Dittingen (Kt. Bern), Mümliswil (Kt. Solothurn). Litt. i. La Brévine, Boudevilliers, Fontaines, Cernier, Hauts-Geneveys. Litt. l. Schlosswil, Zäziwil, Bowil, Signau, Röthenbach, Eggiwil, Langnau, Schangnau (Kt. Bern). Marbach, Escholzmatt, Schüpfheim, Flühli, Romoos, Doppleschwand (Kt. Luzern). Litt. o. Constantine, Montmagny, Bellerive (Waadt), Vully-le-Bas, Vully-le-Haut (Kt. Freiburg), Brunnenthal (Kt. Solothurn). Bremgarten, Etzelkofen, Mülchi, Büren z. Hof, Fraubrunnen, Rüegsau, Lützelflüh, Affoltern i. E., Sumiswald, Trachselwald, Wasen („7 Minuten lang"), Dürrenroth, Wyssachen, Eriswil, Auswil, Huttwil, Reisiswil, Gondiswil (Kt. Bern), Fischbach, Zell, Ufhusen, Altbüron, Grossdietwil, Ebersecken, Richenthal, Langnau, Reiden, Ruswil, Nottwil, Neuenkirch, Römerswil, Hohenrain (Kt. Luzern), Schöftland, Nieder- und Oberrohrdorf, Remetschwil, Killwangen, Spreitenbach, Würenlos (Aargau), Otelfingen, Hüttiken, Oetwil, Boppelsen, Regensberg (Kt. Zürich). **14.** St. Ursen, Rechthalten, Alterswil, St. Antoni (Kt. Freiburg), Guggisberg, Wahlern, Rüschegg, Oberbalm, Rüggisberg, Rüthi, Köniz, Riggisberg, Zimmerwald, Englisberg, Niedermuhlern, Rümligen, Belp, Toffen, Kaufdorf, Gelterfingen, Belpberg, Gerzensee, Ober- und Unterwichtrach, Münsingen, Tägertschi, Gysenstein, Schlosswil, Bolligen, Niederhünigen, Stalden, Mirchel, Grosshöchstetten, Zäziwil, Oberthal, Arni, Bowil, Signau, Lauperswil, Rüderswil, Langnau (Kt. Bern), Luthern, Hergiswil, Willisauland, Romoos, Menznau, Hasle, Doppleschwand, Entlebuch, Wolhusen, Werthenstein, Ruswil, Malters, Neuenkirch, Littau, Rothenburg, Rain, Emmen, Hochdorf, Ebikon, Inwil, Eschenbach, Ballwil, Udligenswil, Root, Gisikon, Honau; Meierskappel (Kt. Luzern), Abtwil, Kleindietwil, Oberrüti (Aargau), Hünenberg, Risch, Cham, Steinhausen, Zug, Baar, Neuheim, Menzingen (Kt. Zug), Albishorn, Hirzel, Horgen, Oberrieden, Meilen, Wädenswil, Männedorf, Stäfa, Uster, Grüningen, Gossau, Hinwil (Kt. Zürich).

c) Hagel ohne bekannt gewordene elektrische Erscheinungen.

Mai 11. Aarberg p. (Körner haselnussgross). **22.** Affeltrangen.
Juni 4. Guggisberg. **28.** Wilchingen p. **6.** Hasle und Root (Kt. Luzern).
Juli 4. Herisau. **8.** Collombier (Waadt). **16.** Thun 5 p (stellenweise). **17.** Obstalden 3 p (in den Bergen).
August 4. Sonogno 8 p. **6.** Myes (Waadt), Gunzwil (Kt. Luzern). **10.** Orbe (Waadt). **15.** Zürich 1^{40}–1^{45} p Platzregen mit ▲ (erbsengross).
September 1. Luins (Waadt). **4.** Eriz (Amtsbez. Thun).
Oktober 8. Bernhardin 8^{45-50} p ▲, dann Regen (95.5 $^{m}/_{m}$).

Nachträge.

a) Lokale Gewitter.

April 6. Stein a. Rhein 4^{50}–5 p (Frauenfeld Donner). **18.** Moutier 4 p (Möhlin Donner im SW). **22.** Freiburg 5^{05}–5^{15} p, im Zenith 5^{10} p (Marsens Blitz und Donner, Romont und Payerne Donner). **24.** Ponte Tresa nachts 24./25. (46.8 $^{m}/_{m}$). **27.** Bern 3^{46} p (Grosshöchstetten ⟍-Regen), Teuffenthal p ▲ (Wimmis Donner), am savoyischen Lemanufer 5^{40}–6 p (Genf im E, Lausanne im SW Blitz und Donner). **28.** Mormont p, am Napf $3^{1}/_{2}$–4 p (Langnau ⟍-Regen, Hitzkirch Donnerrollen). **29.** La Chaux-de-Fonds 3–3^{25} a (zwei starke Entladungen, La Brévine Donner), im Wiesental (Basel 7^{30-45} p einige Donner), Zweisimmen p, Jaun 5 p (Freiburg Donner). **30.** Am M^{te} Ceneri $4^{1}/_{2}$–7 p (Crana Donner, Bellinzona ⟍-Regen).

Mai 1. Am Weissenstein 11^{30} a–12^{15} p (Solothurn sechsmal Donner, 12^{05} p am nächsten), Ponte Tresa 9 p (Braggio Blitze im S). **4.** Genf 12^{h}, ▲ (Lausanne Donner), Locarno 9–$9^{1}/_{2}$ p (Bellinzona Blitz und Donner, Crana Donner, Lugano Blitze). **8.** Romont 9^{30} p (Freiburg und Payerne Donner). **9.** Les Brenets 3 und 8 p. **10.** Luthern 2 p, am M^{t} Pouillerel 2^{45}–3 p (La Chaux-de-Fonds „averse de grêle et roulement de tonnerre", Les Brenets Blitz und Donner im E), Genf 4^{15} p (Lausanne Donner), Bellinzona 8–9 p (Crana Donner). **11.** Les Rouges $4^{1}/_{2}$ a, Luzern $6^{3}/_{4}$–8 a. **16.** Vallorbe $4^{3}/_{4}$–$5^{1}/_{2}$ p (Cossonay Blitze, Montcherand Donner), Braggio $9^{1}/_{2}$ p (Grono Donner). **17.** Solothurn 0^{40}–1 a, im Zenith 0^{40} a (nur zweimal Donner, Weissenstein ⟍-Regen). **18.** Rheinfelden 4^{30} p (Basel Donner). **22.** Plantahof 4 p, Altdorf 4^{15} p (Donner 4^{05}–5^{45} p von W nach E), am Altmann 7^{26} p (Säntis Blitz nahe im SE). **26.** Lenk 6 p (Gsteig Blitz und Donner, Adelboden ⟍-Regen), Lungern 7^{20} p, Moudon 9 p, Saas-Fée nachts 26./27. (heftige Blitzschläge). **27.** Böckten $5^{1}/_{2}$–6 a (Bözberg Donner, Laufenburg ⟍-Regen), Lauterbrunnen $1^{1}/_{4}$ p, La Brévine $3^{1}/_{2}$ p (▲^{2} in der Umgebung von La Châtagne), Schiers 4^{50}–8^{20} p, im Zenith 6^{15} p (Seewis Blitz und Donner, Chur und Klosters Donner), Lungern 6^{40}–7 p (Weggis Donner), Elm 6^{30}–8 p, im Zenith 6^{40} p (Glarus Blitz und Donner), Wasen p, Escholzmatt 9 p, Aarberg 9^{40} p (Freiburg Blitz und Donner), Andermatt 10 p, Olivone $10^{1}/_{2}$ p (Braggio und Bellinzona Blitze), Bernhardin 11 p (Splügen, Arosa und Bevers Wetterleuchten). **28.** Clarens 9^{49}–10^{10} a (fünfmal Donner, wenige km entfernt im N vorbei), Solothurn 11^{50} a–12^{20} p (ca. zehn- bis zwölfmal, ebenso 12^{55} p einmal, 2 km südwestlich), Cossonay und Montcherand $12^{3}/_{4}$–1 p (Lausanne Blitz und Donner), Pilatus 6 p. **30.** Romanshorn und Arbon 3–$3^{1}/_{2}$ p (St. Gallen und Teufen Donner im N), Altstätten 2^{50}–4^{30} p, 4–4^{15} p ▲^{0} (ebenfalls Hagel in Rebstein und Marbach, Donner aus S in St. Gallen 4^{26}–4^{48} p), Olivone p, Linthal 5 p. **31.** Basel 5^{40} p (4 km südlich), Rheinau 7^{10} p (nahe im NE).

Juni 2. St. Moritz 4–$4^{1}/_{4}$ p, Olivone p, Bellinzona n 2./3. (Lugano Blitz und Donner, Crana Donner). **4.** Olivone 2 p (Platta Donner), Braggio 2 p ($1^{1}/_{2}$–5 p Donner), Sonogno p, Cossonay $4^{1}/_{2}$ p, S^{ta} Maria $4^{1}/_{2}$–6 p, von SW, Boltigen p, Biel 5–6 p (SW nach NE), Gsteig spät abends (Lausanne Donner), Langnau 11 p (Solothurn und Beatenberg Blitze). **4./5.** Splügen, Braggio $0^{1}/_{2}$–$1^{1}/_{2}$ a. **5.** Chessel (Clarens 1^{47} p einmal Donner), Borgnone und Sonogno p, Sihlwald 4 p (Zürich 3^{55} und 4^{05} p Donner), Ponte Tresa $4^{1}/_{2}$ p (Crana Donner), Lugano $8^{3}/_{4}$ p. **6.** Lugano 2 p. **15.** Genf $9^{1}/_{2}$–$9^{3}/_{4}$ p, Praz-de-Fort p (Mayens s. Sion im SW Donner). **16.** Lauenen 1–2 p (Gsteig ⟍-Regen), Engelberg 3^{10}–4 p (NE nach SW, Rickenbach und Altdorf Donner), Cossonay 4^{10}–5^{15} p (Cossonay, Dizy und Lussery ▲), Davos 4^{50} p (zwei Minuten lang ▲), Bern 6^{50}–8^{10} p (Freiburg Donner 8 p), Guttannen 7^{40-50} p (Lungern Donner). **18.** Braggio 2 p (Crana Donner), Mosogno p, Glarus 3 p, St. Moritz 5-6 p, Leukerbad $6^{1}/_{2}$ p, Genf $8^{1}/_{2}$ p. **19.** La Limasse p, Chessel (Unterwallis) p, Buchsteg 2^{30} p (Luzern ⟍-Regen), Aarau 7^{40} p (7^{30-45} p Donner von SW nach NE, 7^{40-55} p ⟍-Regen), Bellinzona 8 p-n (Lugano Blitz und Donner). **20.** Chessel p, St. Moritz p („zeitweilig"), Ponte Tresa p (18.7 $^{m}/_{m}$). **21.** Feldbrunnen 1^{35}–1^{50} p (Solothurn Donner), Steckborn $2^{1}/_{4}$–$2^{3}/_{4}$ p (Haidenhaus Donner), Solothurn 4^{10} p (<) und 6^{15} p (dreimal Blitz und Donner ganz nahe). **22.** Steckborn 10^{15-30} a. **24.** Leukerbad von 2 p an, St. Moritz von 2 p an (Bevers $2^{3}/_{4}$ ein Donner), Murten 3^{15-50} p (Bern Donner), Lauterbrunnen 3–4 p, Biasca p, Muri 6 p, Rapperswil $7^{1}/_{2}$ p (⟍-Regen und Hagelkörner), Lungern 8^{10} p (Luzern Donner), Meiringen $9^{1}/_{2}$ p (Guttannen Donner), Kienthal $10^{1}/_{2}$ p. **25.** Meiringen 1 a, Mosogno 4 a (Brissago Donner), Braggio 8^{30} a (Bellinzona und Crana Donner), Ponte Tresa 9 a (Lugano $8^{1}/_{2}$–$9^{1}/_{2}$ a Donner), Arisdorf abends, Ponte Tresa p

(30.6 $^m/_m$), Borgnone p. **26.** Lungenstutz a, stark. **27.** Möhlin 2^{20-35} p, von W nach E (vielleicht in Zusammenhang mit K$_\lambda$ im Schwarzwald: Höchenschwand 2 p), Heiligenschwendi $6^3/_4$–$7^1/_2$ p, Glarus abends und nachts (K$_\lambda$-Regen 5–6 p und von 10 p an, s = 45.0 $^m/_m$). **28.** Altdorf und Linthal 3 a, Altnau p.

Juli 3. Bellinzona 10 a. **5./6.** Ponte Tresa (Crana Donner). **8.** Locarno morgens, im Wiesental 1^{05}–1^{38} p (Basel Blitz und Donner 8 km im NE nach E). **11.** Genf $12^3/_4$ und 3^{50} p, Arisdorf 5 p (Basel ein Donner). **14./15.** Platta 11^{50} p, Sarnen $3^1/_2$ a, St. Gallen $3^3/_4$ a. **15.** Guttannen 5–$6^1/_2$ a, Furka p. **16.** Lugano und M^{te} Brè 8^{30}–11 a, Bevers 9^{20} a–12^h (zehnmal Donner im N, zweimal stark), Marsens 3^{05} p (Freiburg Donner). **20./21.** Steckborn (Haidenhaus Blitz und Donner). **22.** Lauterbrunnen $3^3/_4$ p (K$_\lambda$-Regen mit ▲), Biasca p, Brusio p, S^{ta} Maria $4^1/_2$–$5^1/_2$ p (von W her), Heiden 5 p (5^{10} p ▲^{0}, Altstätten Donner), Linthal $8^3/_4$ p, W nach E. **23.** Aadorf 2–$2^3/_4$ a (starkes K$_\lambda$), Vrin, früh morgens, Lugano $10^1/_4$ a aus S und SW, stark (Bellinzona Blitze), St. Moritz (den Tag über wiederholt K$_\lambda$), Guttannen 8^{20}–9^{15} p (W nach E, um 0^h wieder Donner, Lauterbrunnnen Wetterleuchten). **23./24.** Bellinzona (Locarno Blitze). **26.** Davos-Platz 3^{45}–4^{10} p (starker ▲ im Waldgürtel des Dischmatales), Guttannen 5^{30}–10 p (K$_\lambda$-Regen in Andermatt), Mosogno p, Le Prese n, Heiligenschwendi $11^1/_4$ p–0^h. **26./27.** Leukerbad $0^1/_2$ a, Nax (Les Mayens s. Sion Blitz und Donner). **27.** Linthal 1—2 p, W nach E, Bisisthal und Vals p, Bellinzona 7 p, mit ▲ (Crana Donner). Zermatt 7^{50}–8 p. **28.** Am Klausenpass und in Linthal 9 a (Altdorf 9^{10} a einige Donner und dreimal Blitzen), Pilatus 3 p (Weggis Blitz und Donner), Iberg 3^{15-45} p (Rickenbach, Sihlwald und Wädenswil Donner), Haag zwischen 5 und 6 p (Säntis Blitz und Donner [40 mal], Altstätten 5^{30-50} p Donner im S, Appenzell und Wildhaus Donner). **30.** Zermatt 4^{30}–5 p („vom Matterhorn her bis einige km südlich von Zermatt"), Gsteig $4^1/_2$–$5^1/_2$ p, Genf 4^{55} p (Lausanne Blitz und Donner im SW und S), Gryon p (Clarens 4^{20}–6 p Donner), Airolo 6^{40}–7^{30} p (10 Minuten lang ▲), Olivone p, Grono 9 p (Braggio Blitze im S), Lugano und M^{te} Brè $9^1/_4$–$9^3/_4$ p (Crana Blitz und Donner), Vrin 10 p (Platta heftiges Blitzen), Comprovasco und Bernhardin n (30./31.). **31.** Olivone morgens früh (Braggio Blitz und Donner), Valangin 5 a, La Limasse p.

August 2. Ponte Tresa p (Lugano Blitze). **3.** Locarno $1^1/_2$–$2^1/_2$ a (Bellinzona Wetterleuchten), Lauenen $4^1/_2$–5 p, mit ● und ▲ (18.3 $^m/_m$, Les Mayens [im N] und Gsteig [im NE] Donner). **4.** Locarno $10^1/_4$ p. **5.** Locarno a, Brusio morgens, St. Moritz von 3 p an (13.5 $^m/_m$), Guttannen 5^{30} p, S^{ta} Maria 8–$9^1/_2$ p, von S nach E. **5./6.** Kulm, Bern ca. 0^h (Heiligenschwendi K$_\lambda$-Regen). **6.** Bevers $12^1/_2$–$2^1/_4$ p (fünfmal Donner), Lungern und Boltigen n (6./7.). **7.** Stein a. Rhein 2^{15} p, Vals 3 p (Platta Donner), Brusio p. **10.** Basel-Augst 4 a (4^{30} a ▲, Rheinfelden Donner, Rünenberg ▲). Zürich 12^{25} p (Blitz und Donner 1 km im N mit Regen, Uster Donner) und 1^{27} p (1^{30} p vereinzelte Hagelkörner in starkem Regen, Hagel in Wipkingen). Villmergen p, ▲ (Wädenswil 3^{19} p und Zürich 3^{25} p Donner im W), Le Prese p. **13.** Degersheim 5–$5^1/_2$ p, ≺$_\lambda$ (Heiden, Teufen, St. Gallen und Aadorf Donner). **18.** Eschlikon 3 p, Kloten 9 p (Zürich 8^{58} p im NE [Südhälfte des Himmels noch ziemlich hell], Winterthur im W und Uster im NW Donner), Lauterbrunnen $7^1/_4$ p (Grindelwald Donner), Engelberg 9–$9^1/_2$ p (stark, Rigi-Scheidegg Blitz und Donner im S, Rickenbach und Weggis Donner, Vitznau Wetterleuchten), Heiligenschwendi n (18./19.), Rickenbach, stark, gegen 0^h, Siders spät in der n (18./19.). **19.** Vallorbe 12–12^{45} p, Murten 12^{15-30} p (Yverdon, Freiburg, La Chaux-de-Fonds Donner) und 3^{45} p, Les Ponts p (St. Sulpice Donner), Klönthal 5 p (Obstalden Donner), am Urirotstock 5–5^{30} p (Rickenbach und Isenthal Blitz und Donner, Altdorf, Vitznau und Sarnen Donner), Säntis 5^{27}–6^{20} p, Walchwil 6 p, Cossonay $8^1/_2$ p (Freiburg Blitze), Münster n [19./20.] (Luzern Donner), Schwäbrig 10–11 p (s = 21.0 $^m/_m$, Teufen und Altstätten Donner). **20.** Sarnen $1^1/_2$ a, Lugano (50.2 $^m/_m$) und M^{te} Brè $2^1/_2$–$5^1/_2$ a (Bellinzona und Crana Donner), Aarau 4^{45} a (zahlreiche, aber schwache Entladungen), Montcherand $2^1/_2$–3 p (27.2 $^m/_m$), La Limasse p, Sion 3 p, Wasen $5^1/_2$ p (St. Urban Donner). **24.** Leukerbad 4 p, Thusis p (Tomils Donner), Vals 4^{35} p (Platta 4^{37} p Donner und ca. 5 Minuten lang Regen), Hinwil 5^{10} p (2–3 km im S nach E), Genf $10^3/_4$ p. **25.** Obstalden zwischen 0 und 2 a (W nach NE), Linthal 2^{45} a (SW nach NE), Rickenbach 3^{05} a (5 km westlich von N nach S). **29.** Genf $6^3/_4$ p (mit ▲) und $9^3/_4$ p, Cossonay $8^1/_2$ p, Lungern 9^{10} p (aus SW), Guttannen 11^{35} p, Locarno und Olivone n (29./30.). **30.** St. Gingolph 2^{30}–3 p (Clarens heftiger Donner 2^{58} p). Über den das K$_\lambda$ begleitenden Sturm berichtet die „Gazette de Lausanne": „Un coup de vent d'une extraordinaire violence, qui n'a duré que trois minutes à peine, a subitement soufflé sur le lac à la hauteur de St. Gingolph. Il a fait chavirer la grande barque Genève, dont les quatre hommes ont été jetés au lac. On a réussi à les sauver". Am Allmann 3^{45-50} p (Winterthur, Hinwil und Uster Donner), Yverdon $4^1/_2$–5 p (Payerne [im W], Neuchâtel [im SW] Donner), Champéry $5^1/_4$ p (Les Mayens und Hérémence Donner, Lausanne Blitz und Donner im SSE), Waldenburg 6 p (Lampenberg Donner), Brusio p, am Pfannenstiel 7^{15-20} p (Zollikon Blitz und Donner, Wädenswil Donner, 3 km im N nach E), Lauterbrunnen $8^1/_2$ p–n (30./31.). **31.** Crana $0^1/_2$ a, Olivone und Brusio, morgens früh, Zweisimmen morgens früh, Luthern $1^1/_2$ a, Klönthal 1^{35}–2^{10} a (Uster Blitz und Donner, Zürich und Tomils Donner), Buchsteg p.

September 1. Am Allmann ca. 5 p (Hinwil Blitz und Donner 4^{57}–5 p, im E nach NE). Davos 5^{10} p, Chur $6^1/_2$, Tomils und Klosters n (1./2.). **4.** Klönthal 7 p (Lachen Wetterleuchten), St. Moritz 8–11 p (S^{ta} Maria Wetterleuchten, Bevers zweimal Donner), Iberg 9 p, Uster 9^{30}–10^{42} p (im Zenith 10^{02} und 10^{38} p, Regen 8^{30}–11^{15} p, von SE nach NW), Walchwil 10 p (Weggis Blitz und Donner, Luzern K$_\lambda$-Regen), Sierre und Leukerbad n (4./5.) (Les Mayens Blitze), Andermatt n (4./5.). **5.** Heiden bis morgens 7^h (Lachen kurze Zeit Donner), Schöfflisdorf und Klönthal p, Brusio p (stark), Klosters 9–10 p (Säntis 9^{30} p Blitze am Horizont). **6.** Mürren 6–7 p, stark. **7.** Locarno 6–7^{30} a, s für 6./7. = 35.5 $^m/_m$, Les Brenets 5 p (St. Sulpice Donner), Leukerbad 6 p, Klosters n (7./8.). **8.** Rochers-de-Naye 9^{03}–10 p (Clarens spärlicher Donner im E), St. Cergue n (8./9.). **9.** Mervelier 2–$2^1/_2$ p (Biel und Solothurn Donner im N), St. Cergue p, Linthal $6^3/_4$ p (SW nach NE), Eggiwil 9 p (Bern 8^{57} p Donner). **10.** Wädenswil 3 a (Zürich und Fehraltorf Blitz und Donner), Linthal $7^1/_4$ a, Heiligenschwendi 7^{20-35} a, Bern $7^1/_2$–8 a, Les Mayens 1 p, im E. **13.** Buchsteg p, Boltigen p. **14.** Genf 2–$2^1/_2$ p (Lausanne 2^{10} p Donner im W und SW), Valangin 7 p (Lausanne Wetterleuchten). **15.** Genf 6 a (s vom 14./15. = 56.7 $^m/_m$), Avers-Cresta p (Bevers ein Donner 5^{10} p), Nisellas und Heiden p, Frasco (≺$_\lambda$) und Sonogno (▲) im Verzascatal p. **16.** Ponte Tresa abends (s = 61.7 $^m/_m$), Genf $7^1/_4$ p, Barmelweid n (6./7.). **17.** Linthal 8^{20} a, S nach N. **20.** Pfeffingen 3^{20} p von W her (Basel Donner). **21.** Reigoldswil $1^1/_2$ p.

Oktober 3. Therwil 2^{40}–3 p, W nach E (Pfeffingen und Basel Donner). **5.** Genf $5^1/_4$ p (s = 25.6 $^m/_m$), Lugano (43.5 $^m/_m$) und M^{te} Brè (35.2 $^m/_m$) abends (Bellinzona Wetterleuchten). **8.** Platta 6^{15-30} p (6^{15} p Blitz und Donner nahe, 6^{27} p starkes Blitzen und Donnern), Avers-Cresta 7–10 p (s = 65.9 $^m/_m$). **29.** Locarno 11 p (29.) bis 1 a (30.) (33.6 $^m/_m$, schwaches K$_\lambda$, Braggio Blitz u. Donner im SW, Grono Donner).

Dezember 28. Genf $3^1/_2$–$3^3/_4$ p, mit Schneefall (Les Rouges s. Chéserex Donner).

b) Tage mit einzelnen gleichzeitigen Gewittererscheinungen verschiedener Art, z. T. in der gleichen Gegend:

April 6. Blitz und Donner: Hitzkirch 7 p; Donner: Luzern abends, fern.

Mai 8. Donner: Les Ponts (im W); Blitze: La Brévine 9 p. **30.** Blitz und Donner: Luzern 1^{50}–4 p aus NW im N nach NE; Donner: Zürich 2 p, einmal (im W), Muri (im SW), Weggis 1^{15} p (im W nach S).

Juni 4./5. Blitz und Donner: Rickenbach 0^h–4^{40} a; Blitze: Zürich (im S). **19.** Blitz und Donner: Champ-Fahy p (hinter Chasseral); Donner: Serrières.

Juli 11. Donner: Haidenhaus 1 p; heftiger Platzregen 12^{40-50} p und etwas ▲ 12^{45-47} p: Stein a. Rhein; Hagel: Unterhallau. **August 4.** Donner: Grindelwald $5^1/_2$–$6^3/_4$ p; Blitze: Guttannen und Les Mayens s. Sion abends; Wetterleuchten: Interlaken. **13.** Blitze: Altstätten 9^{50}–10^{15} p (im S); Donner: St. Gallen 10 p. **18.** Donner: Clarens 9–10 p (aus SW im W vorbei nach NW); Blitze: Neuchâtel und Lausanne $9^1/_2$ p (im S). **30.** Blitz und Donner: Lausanne von 7^{20} p an, im SSE; Wetterleuchten: Champ-Fahy, abends (über D^t du Midi).

September 7. Blitz und Donner: Clarens 3^{30}–4^{20} p (im S); Donner: Lausanne $3^1/_2$ p (im SE).

c) Blitz und Donner ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

April 22. Wimmis 3 p, im NW. **24.** Lohn $9^1/_2$ p, im NE. **27.** Waldenburg 4 p, gegen W. **28.** Bern $6^1/_2$–7 p, im N. **29.** St. Urban 3 p, fünfmal. **30.** Genf $5^1/_2$ p, im E, Eschenz n (30./1.), im E.

Mai 3. Locarno 1 p, im S. **9.** Lausanne 11^{10} p, im E. **27.** Lausanne, zwischen 1^{15} und 1^{30} p, im W, N und E. Platta 8^{20} p (Donner bis 11^{30} p), Kreuzlingen, nach $9^1/_2$ p, im NE. **30.** Sitten, abends, auf den Bergen im E.

Juni 2. Freiburg 10^{30} p, im W. **11.** Clarens 10 p, im W. **17.** La Chaux-de-Fonds, seit $10^1/_2$ a, im W und NE, Les Mayens 6 p, im NW. **18.** Schleitheim 9^{30} p, im SW. **24.** Altdorf 9^{15} p, im SW, Biasca p. **27.** Lachen $7^1/_2$ p. **28.** Lachen 3 a.

Juli 2. Freiburg 10^{30} p, im W. **3.** Marsens p, im SW. **8.** Basel 3^{49} p, im N. **14.** Davos 8^{35} p, einmal. **15.** Davos 9^{20} a. **26.** Bellelay 2–3 p, im SE. **27.** Iberg, seit $9^1/_2$ p, Barmelweid und Allerheiligen n (27./28.). **28.** Wädenswil 8^{05-18} p, 10 km südlich. **30.** Schleitheim 8 p, im SW.

August 3. Davos 5–6 p, im NE. **13.** Luzern 9^{28} p. **19.** Clarens $3^1/_2$ a (um 3 a schon Donner), St. Urban n (3./4.), gegen W. **24.** Freiburg 6^{20} p–n (24./25.), im E und S, S^{ta} Maria $8^1/_2$–$9^1/_2$ p, im E.

September 5. Hinwil $0^1/_4$ a, dreimal, im SE. **9.** Wil-Rafz von 8 p an, Lausanne 9 p, im W, Haidenhaus 10 p.

d) Donner ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

Januar 22. Clarens 9^{46} a, einmal, stark, im N (9^{20} a einige Minuten lang Graupeln). **31.** Baulmes 2^{55} p, einmal.

Februar 8. Baulmes 3^{55} a, einmal.

März 17. Freiburg n 17./18. **18.** Braggio 6–7 a, von S nach N.

April 6. Freiburg 4^{18-18} p, viermal, von N 10 km östlich nach S, Marsens p, im SE, Rickenbach 6^{30} p, vom Alptal her, einigemal, La Chaux-de-Fonds $4^1/_2$ p („sur le Valanvron et la Ferrière"), Reigoldswil 5^{50} p, dreimal, im SW, Langenbruck und Lampenberg p, im S. **12.** Romont $1^1,_2$ p, einmal (Graupelschauer). **17.** Lausanne 5^{55} p, im SE. **25.** Wintersingen 6^{10} p. **27.** Pfeffingen, mittags, Wintersingen 2^{55} p, im S, Lausanne 3^{30} p, im NE, St. Gallen 9^{15} p, fern. **30.** Bern $8^1/_4$–9 p (K-Regen).

Mai 11. Braggio 5^{20} a, stark, im W, Grono, morgens. **18.** Mormont p. **19.** Engelberg und Rigi 9 p. **23.** S^{ta} Maria 8 p, im N. **24.** Liestal 6 p, im SE. **27.** Dailly 2^{50} p, Rickenbach ca. 6 p, im N, Langenbruck $9^1/_2$ p, Platta n (27./28.), im W. **28.** Wintersingen 1^{30}–2^{20} p, im N. **29.** Säntis n (29./30.), fünfzehnmal (Vorarlberg). **30.** Mormont n (30./31.). La Ferrière 12^{53}–1^{25} p (im französischen Doubsgebiet), Clarens 2^{05-25} p, 10 km südlich, Mormont n (31./1.).

Juni 3. St. Urban 2^{45} p, Solothurn 2^{55} p, Mormont p (Hagel in Chevenez und Roche d'Or), La Ferrière 3^{25}–4^{35} p (K in der Franche-Comté). **4.** Waldenburg 10 p. **5.** Langenbruck, abends, im SE. **6.** Platta 1 p, Seewis p (einmal), Bevers p (K-Regen). **15.** Säntis 2^{55} p, fern, im SSW, Platta 4^{05} und 5^{58} p. **16.** Les Mayens 2 p, im SE, Schleitheim 3 p, im W. **17.** Lohn, abends im NW vorüberziehend. **18.** Reigoldswil 12^h, Davos 3–4 p, Schleitheim 6–7 p, im W und N. **21.** Crana 5 a, einigemal, Rickenbach 4^{55}–5^{15} p (ca. 20 km im NE nach E). **24.** Bern 10^{20} a, Basel 1^{09-24} p (im Schwarzwald), La Roche $2^1/_2$ p, im SE, Schaffhausen $2^1/_2$ p, im N, Wildhaus, Säntis, St. Gallen, Altstätten zwischen 2^{10} und 2^{50} p im E, Rickenbach 2^{55}–3^{15} p, im W, Visp 4 p, Schleitheim bis 5 p, im N, Basel $5^1/_2$ p, Rickenbach 6^{55}–7 p, im S, Bellinzona 7 p (K-Regen), La Chaux-de-Fonds $7^3/_4$ p. **25.** Obstalden 1 a, zweimal (nach Aussage von Drittpersonen), Borgnone p, Crana $4^1/_2$ p. **27.** Engelberg, nach $8^1/_4$ p, Altdorf 9^{45} p, dreimal, von W her. **28.** Altdorf 6^{05} a, Frutigen $7^1/_4$ a, Fehraltorf p, fern.

Juli 1. Freiburg p, fern. **3.** Mormont p. **4.** Freiburg p, fern. **6.** Crana 6 a, einigemal, stark. **7.** Platta 2^{10} und 2^{20} a, Crana $1^1/_2$ p, einigemal, ebenso 7 p und 9 p. **8.** Pfeffingen a, zeitweise. **9.** Solothurn 2 p, einmal. **10.** Freiburg p. **11.** Clarens 2^{48} p, zweimal, im N, Wintersingen und Rheinfelden 10^{30} a, Bern 2–3 p, öfters. **12.** Engelberg, seit 11 a. **14.** Chaumont 5 p, La Ferrière 6^{30}–7^{45} p, 6–15 km im NW, Solothurn, zwischen 7 und 8 p, einigemal (bei W3), St. Urban 8 p, im W, Basel 8^{30} p, im NW, Platta 10 p. **16.** S^{ta} Maria nach 0^h, im N, Platta 7^{10} und 8 a (bei ✳ = Fall). **19.** Bennwil $10^1/_2$ a, im W. **20.** Lachen $2^1/_4$ p. **23.** Freiburg p, fern. **24.** Freiburg 3^{30-40} p, im N. **26.** Visp 2 p, Isenthal 3 p. **27.** Airolo 4–5^{30} p, Sonogno abends, Altdorf 10^{10} p. **28.** Muri 2 p, Freiburg 5–5^{15} p. **29.** Rickenbach $9^1/_2$ p, einigemal, schwach, im NE. **30.** Platta 7^{35} p. **31.** Crana 7 a und $6^1/_2$ p, einigemal.

August 5. Crana 10 p, einigemal, Borgnone p. **6.** Crana 10 a, einigemal, Zürich $3^1/_4$ p, im S, schwach. **7.** Haidenhaus $9^3/_4$ p, einmal, stark. **10.** Diessenhofen 3^{25} und 5 p. **19.** Lausanne p, Solothurn abends, Zürich 9^{50} p. **20.** Zürich 4–$4^1/_2$ a. **25.** Rickenbach 4^{35} p, einmal (vom Urirotstock her). **29.** Schleitheim 7 p, im W, Chur n (29./30.). **30.** Haidenhaus $6^3/_4$ a, im N, Bevers 6 und 7 p, je einmal.

September 1. Zurzach 9–11 p, im S nach E. **2.** Zweisimmen n (2./3.), fern. **4.** Basel 7^{43} p, einmal, Platta 7^{35} p, Aadorf p, im S und W, Les Marécottes n (4./5.). **5.** Bevers 2–3 p, fern im W. **7.** Engelberg 8 p, zweimal, Splügen 8 p, stark (zugleich Wetterleuchten im E). **9.** Schleitheim 2–3 p (im N) und 4^{30} p (im W). **15.** Clarens 12^{46} p einmal, Champ-Fahy p (im Val-de-Ruz). **20.** Pfeffingen 2^{20} p, Wintersingen 4^{05} p, im S. **28.** La Ferrière 3–4 p, einigemal, im NW.

Oktober 2. Säntis abends, im ESE. **3.** Wintersingen 5 p, im NW. **6.** Bellinzona, morgens früh.

e) Blitze ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

Februar 6. Braggio 6 a, im S.

März 26. Marsens und Freiburg $9^1/_2$ p, im SW, Zürich und Chaumont 9–$9^1/_2$ p, im W, Waldenburg 10 p.

April 5. Freiburg 9 p, im E und W. **22.** Luzern n (22./23.). **24.** Freiburg 6 p, im SW. **28.** Lohn $9^1/_2$ p, ringsum. **29.** Freiburg 7 p, im NE. **30.** Beatenberg 9 p, Zürich, seit 9 p, im N, Weggis 11 p, im S, Guttannen 0^h (30./1.). Braggio n (30./1.), im S.

Mai 10. Elm 7^{15} p, fern im N.

Juni 2. Champ-Fahy (den ganzen Abend über der Franche-Comté), La Brévine und La Ferrière, abends, Genf 9–$9^1/_2$ p, Lausanne n 2./3., im SW und W, Neuchâtel 9 p, im NE und W, Solothurn und Bern $9^1/_2$, im W, Säntis $9^1/_2$ p öfters, im WSW. **3.** La Chaux-de-Fonds $9^1/_2$ p, im SW. **16.** Clarens $9^1/_2$ p, fern. **25.** Clarens 4^{54} a.

Juli 7. Bellinzona und Braggio 10^{30}–11 p, im SW. **14.** Genf 2–$2^{3}/_{4}$ p, Platta 8 p, stark, Les Mayens 9 p. **26.** Genf $9^{3}/_{4}$–$10^{3}/_{4}$ p. **27.** Zürich $6^{1}/_{2}$ p, im SW, Säntis 9^{30} p, am Nordosthorizont. **30.** Neuchâtel, von $8^{3}/_{4}$ p an, im S. **31.** Braggio $9^{1}/_{2}$ p, Les Mayens, abends. Freiburg $9^{1}/_{2}$ p, im S.

August 2. Säntis 8^{30} p–n (2./3.), öfters, am ESE = Horizont, Lugano 9 p, gegen E, Les Mayens abends, Solothurn, nach 8 p, Sargans n (2./3.). **5.** Neuchâtel, von $8^{1}/_{2}$ p an, im SW und NW, Château-d'Oex $9^{1}/_{2}$ p, Leukerbad $9^{1}/_{2}$ p (K_{4}-Regen), Bern $9^{1}/_{2}$ p, im SE und N, Basel 9–$9^{1}/_{2}$ p, im SE (ca. 15 km), La Roche und Freiburg abends, im N, E und S, La Ferrière den ganzen Abend, im W und NW. **6.** Säntis 9^{30} p, am Horizont von E bis nach NW. **7.** Lugano 6–$8^{1}/_{4}$ p aus S, SW und W, Les Mayens abends. **15.** Zürich abends, im NW. **18.** Säntis $9^{1}/_{2}$ p, im NNE, Heiden $9^{1}/_{2}$ p (K_{4}-Regen), Altstätten $9^{1}/_{2}$ p, im NE und S. **19.** Solothurn nach 9 p, im SW und N. **24.** Genf $9^{3}/_{4}$ p. **28.** Beatenberg $9^{1}/_{2}$ p. **29.** Basel 7^{30} p im N. **30.** Basel 11 p–0^{h} im S, Genf $8^{1}/_{4}$ p.

September 4. Zürich $8^{1}/_{2}$ p, heftig, im W, Genf $8^{1}/_{4}$ p. **7.** Les Marécottes n (7./8.). **9.** Rickenbach von $6^{1}/_{2}$ p an ringsum. **14.** Les Mayens abends. **18.** Braggio 8 p, im S. **20.** Genf $9^{1}/_{2}$ p. **21.** Les Mayens abends. **29.** La Ferrière 7–8 p, fern im NNW.

Oktober 2. Lampenberg und Waldenburg abends, im S, Wintersingen 7–8 p, im N, Säntis 7^{10}–8 p, im NW. **3.** Wintersingen ca. 8 p, im N, Mont Soleil p, im SE. **26.** La Brévine und Chaumont 5 p, im W. **27.** Les Mayens abends. **28.** Champ-Fahy 8 p (über den Alpen und im Wallis), Mont Soleil abends, im SW, Lohn $9^{1}/_{2}$ p, im S. **29.** Les Mayens und Marsens abends, Neuchâtel 9 p, im S, Champ-Fahy $9^{1}/_{2}$ p, über den Alpen.

Dezember 28. Hallau ca. $9^{1}/_{2}$ p, im NE.

f) Wetterleuchten ohne gleichzeitige weitere Gewittererscheinungen in der betreffenden Gegend:

März 26. Bellelay 8–9 p, Haidenhaus $9^{1}/_{2}$ p. **31.** Wimmis 9 p (im SW).

April 24. Schleitheim und Schaffhausen (im NE), Kreuzlingen (im N). **26.** Arosa n (26./27.). **27.** Wilchingen, Rheinau, Aadorf (im S), Glarus (im NE), Obstalden (im NW), Wildhaus, Arosa, Lohn (im N). **28.** Vitznau 11 p–0^{h}, Schaffhausen (im NNE). **29.** Wilchingen, Uster. **30.** Pfeffingen, Allerheiligen, St. Urban, Altdorf (im NW), Wil-Rafz von 8 p an, stark, Hallau (im SE und NW), Schleitheim 9 p bis nach 11 p (im W, S und E), Buch, Lohn (ringsum), Schaffhausen 8–11 p (ringsum), Uster, Kreuzlingen (über dem See), Säntis 7^{30} p–n (30./1.) oft (im NE bis SE), Teufen (im S), Sargans, St. Gallen (zuerst im NE, dann sich nach N und NW verziehend), Altstätten 9–10 p, Arosa, S^{ta} Maria.

Mai 9. Schaffhausen 8–$9^{1}/_{2}$ p, im W und N. **10.** Splügen, S^{ta} Maria. **30.** Lauterbrunnen, von 10 p an im N und S, Liestal, Hallau, Lohn, Weggis und St. Gallen im S, Vättis, Arosa, Bevers. **31.** Schleitheim (im NE), Hallau (im SE), Lohn (ringsum), Kreuzlingen (im NE und E), Teufen (im E), Wildhaus.

Juni 2. Liestal, Aarau, Interlaken (im S und W), Lauterbrunnen, Davos. **3.** Liestal. **4.** Interlaken, Lauterbrunnen $9^{1}/_{2}$, Grindelwald, Weggis (im S), Vitznau (im E), Rickenbach (im N), Schaffhausen (im SE), St. Gallen (im S), Arosa. **17.** Splügen, Clarens (im SW). **21.** Liestal n (21./22.). **24.** Hallau (im SE), Seewis (im W), Liestal.

Juli 14. Hallau (ringsum), Schaffhausen 9 p (im N), Wildhaus, Seewis (im SW), Göschenen, stark (im NE), Bellinzona. **20.** Bellinzona. **22.** Hallau (im SW), Seewis (im N), Splügen. **26.** Lauterbrunnen $9^{1}/_{2}$ p bis n (26./27.), Château-d'Oex, Mont Soleil (im S), Liestal, Wintersingen 9^{55} p–n (26./27.), Meiringen, Interlaken, Muri, Hallau (im NE und SW), Winterthur 10 p (im E), Arosa. **27.** Neuchâtel, zwischen $8^{1}/_{2}$–$9^{1}/_{2}$ p (im S), Langnau, Wintersingen, Augst 8 p (im N), Liestal, Hallau (im NE und SW), Arosa. **28.** Vitznau (im S), Grindelwald $9^{1}/_{2}$ p (im S), Säntis, oft (am SE-Horizont), St. Gallen (hinter Alpstein), S^{ta} Maria (im S), Bellinzona. **29.** Lohn. **30.** Château-d'Oex $9^{1}/_{2}$ p, Lauterbrunnen (im N und S bis n [30./31.]), Wintersingen, Muri, Luzern (im S), Vitznau (im W), Zürich und Uster (im S), Hallau (im SW), Schaffhausen 9–10 p (im S und SE), Lohn $9^{1}/_{2}$ p (im SE), Aadorf, St. Gallen $9^{1}/_{2}$ p (Hochalp, Toggenburg), Säntis (am Südhorizont), Seewis (im SE), Splügen, Bevers (im W). **31.** Hallau und Uster (im S).

August 1. Schaffhausen 9–10 p (im SE), Hinwil 10 p. **2.** Bevers (im S), Seewis (im N), Davos, Splügen (im S), Interlaken (im SW), Liestal. **3.** Langnau, Wintersingen von 9^{45} p an (im S), Liestal, Augst 9 p (im E), Schaffhausen 9–10 p (im S), St. Gallen (hinter Alpstein), Davos. **4.** Pfeffingen, Hallau (im SW), Lohn (im S), Schaffhausen (im SSE), Teufen (im S), Säntis 9^{30} p, häufig, St. Gallen, vormitternacht, „lebhaft in grosser Ferne, sozusagen elektrische Schwingungen". **5.** Interlaken (im S), Mont Soleil, Rigi-Scheidegg, Schaffhausen, von 9 p an (ringsum), Hallau (im NE), Davos. **18.** Lauterbrunnen und Grindelwald, bis 0^{h}. **19.** Château-d'Oex, Interlaken (im W), Lauterbrunnen, Grindelwald, Neuchâtel (im E), Aarau, Wintersingen, Augst, Hallau (im E und NW), Lohn (im SE), Uster. **24.** Lauterbrunnen ($8^{1}/_{2}$ p im N), Sion $9^{1}/_{2}$ p, Langnau (im W), Muri (im NW), Sarnen $8^{1}/_{2}$–$9^{1}/_{4}$ p, Vitznau (im S), Rigi-Scheidegg (im SE), Säntis 9^{30} p, oft (im SE bis E), Bevers. **27.** Château-d'Oex $9^{1}/_{2}$ p, Beatenberg, Interlaken (im S), Lauterbrunnen 10 p (im S), Chaumont, Solothurn (im NE), Liestal, Wintersingen, von 8^{15} p an, Hallau, Schaffhausen 9 p (im S), Lohn, Haidenhaus (im S), Bellinzona. **29.** Chaumont, Interlaken (im W), Luzern, Engelberg, Göschenen, Lachen. Fehraltorf, Wil-Rafz, Schaffhausen (im W und NW), Hallau und Lohn (ringsum), Haidenhaus (im S u. N), Wildhaus, Säntis (ringsum), Heiden, Platta, Splügen. **30.** Beatenberg, Liestal, Wintersingen, Hallau, Luzern.

September 1. Lausanne (im N und NW), Lauterbrunnen (über der Jungfraugruppe), Chaumont, Lohn. **2.** Wil-Rafz, Schleitheim, Hallau, Lohn, Schaffhausen, Winterthur 8–9 p (im NW), Haidenhaus (im S und E), Splügen 9–$9^{1}/_{2}$ p, S^{ta} Maria (im N und NE). **4.** Gsteig (im N), Grindelwald $9^{1}/_{2}$ p, Lauterbrunnen 10 p. **7.** Uster, Seewis (im S), Arosa, Davos, Bevers (im S). **8.** Sion, Uster, Davos nach $9^{1}/_{4}$ p. **9.** Pfeffingen, Wintersingen 7^{30}–9 p (im SE), Augst 7^{45} p, Weggis (im NE), Sarnen, Uster, Lohn (ringsum), Winterthur.

Oktober 1. Lohn. **2.** Rheinfelden, Hallau (im NE), Haidenhaus (im N), Zürich $8^{1}/_{4}$–$8^{3}/_{4}$ p (im NW und N), Wald, Heiden. **3.** Lohn, Hallau (im SE), Haidenhaus (im E), St. Gallen ca. $9^{3}/_{4}$ p (im E und NE), Heiden. Säntis 6^{30} p oft (am NE-Horizont), Seewis (im E), Splügen 8 p (im E). **8.** S^{ta} Maria, Les Mayens de Sion. **11.** La Ferrière $8^{1}/_{2}$–$9^{1}/_{2}$ p (am NNW-Horizont). **28.** St. Gallen spät abends und vormitternachts, im S bis SW; „sehr weit entfernt, bald stärker, bald schwächer, mehr wie elektrische Schwingungen". **29.** Liestal, Vitznau (im E), Lohn und Haidenhaus (im S), St. Gallen („wie am 28."), Seewis (ringsum), Davos-Schatzalp (im S).

Dezember 24. Schaffhausen 8 p (im S).

Verzeichnis der bekannt gewordenen Blitzschläge.

In Gebäude.

a) Mit Zündung:

April 29. Litt. b.*) Einsiedeln. Um 2^{20} a ein Gebäude eingeäschert.

Mai 27. Litt. h. Oberiberg. Gegen Mitternacht Stall samt Streue und Geräten in der „Roggsiten" vom Blitz eingeäschert, 21 Stücke Vieh, worunter 17 Stücke Grossvieh, mitverbrannt.

Juni 3. Litt. d. Grosshöchstetten. In das Bäckereigebäude in Reutenen, ½ Stunde südöstlich von hier; Gebäude teilweise eingeäschert. **5.** Litt. b. Stollen-Neuthal (Gemeinde Bäretswil). In ein Wohnhaus; Brand im Entstehen gelöscht. **17.** Litt. a. La Ferrière. Um 11^{56} a in ein Haus mit Scheune, welche im Nu lichterloh brannten und in 20 Minuten in einen Gluthaufen verwandelt waren. Das Haus war unbewohnt. Ein Stück der Viehhabe vom Blitz erschlagen, von den übrigen 15 konnten 13 gerettet werden. (Vide auch Titel „Tiere"). Litt. b. Wichtrach b. Münsingen. Um 4^{15} p Kirchturm vom Blitz in Brand gesteckt; zum Teil eingestürzt, der Rest durch die Feuerwehr vor gänzlicher Vernichtung bewahrt. **19.** Litt. g. Diessenhofen. In das Haus „zur Hölle". Mit Hülfe eines Hydranten Brand binnen kurzem gelöscht.

Juli 14. Litt. h. Walenstadt. In ein Kantonnement in den Flumser Alpen, das mit 70 Mann der Schiesschule besetzt war; Brand rasch gelöscht; ein Gewehr zerstört. Vide auch Titel: „Personen", c. **14./15.** Litt. b. Weinfelden. (Zeitungsbericht.) „Zwischen 1 und 2 Uhr nachts zuckten die Blitze fast unaufhörlich. Schlag in das sogenannte Saxenhüsli, auf einem Vorsprung des Thurberges gelegen. Häuschen im Nu in Flammen; die Hausbewohner konnten sich retten, dagegen blieben eine Ziege und einige Hühner in den Flammen". **22.** Alinea zwischen litt. d und e. Unteriberg. Ein Haus in Studen eingeäschert. Litt. g. Thonon (am Leman). Eine Hütte mit Fahrhabe eingeäschert; eine leerstehende Hütte in der Nähe ebenfalls vom Blitz eingeäschert; vide auch Titel: „Personen" a

August 19. Litt. c. Degersheim. Das „Moosbad" vom Blitz eingeäschert; der Strahl zündete in der Scheune; Vieh konnte gerettet werden, sonst alles verbrannt. Vide auch Titel: „Personen" c.

September 1. Litt. o. Villars-le-Grand. „Un incendie allumé par la foudre a détruit, lundi soir à 7^{h}, dans la partie fribourgeoise de Villars-le-Grand, une grande ferme avec maison d'habitation. Une grande quantité de fourrages et de denrées est resté dans les flammes." (Journal de Genève). Niedergösgen. Gegen 8 Uhr abends ein grosses Doppelstrohhaus vom Blitz vollständig eingeäschert.

b) Mit Demolition:

Mai 10. Litt. d. Zofingen. Um 6^{20} p schlug der Blitz ca. 2 km nördlich der Station in ein Haus: Kamin umgeworfen, oberer Kücheboden aufgerissen. **28.** Litt. e. Zünikon. In das Haus von A. F.: Kamin zerstört, ebenso ein Teil des Dachgebälks und des Feuerherds.

Juni 17. Litt. a. Les Bois. Um 12 Uhr mittags in ein Haus: Schaden an Mauern und Böden. La Chaux-d'Abel. Zirka 12^{h} in ein Haus: Beschädigungen so ziemlich überall, Splitter vom Gebälk weggerissen. **19.** Litt. g. Diessenhofen. In ein Haus an der Rheinhalde: Ein Stück des neuen Verputzes an der äussern Hauswand weggeschlagen.

Juli 14./15. Litt. a. In das Kamin des Hauses Klingelberg 11 (neben dem Bernoullianum), genau oberhalb des Blechumschlags einige Backsteine demoliert; ferner in das Kamin einer Wirtschaft an der Schützenmattstrasse: Verputz leicht beschädigt, in den Zimmern (laut „Basler Nachrichten") unangenehmen Schwefelgeruch (Ozon) zurücklassend.

August 25. Litt. b. Obstalden. In das Wohnhaus des M. K. in Walenguflen, dasselbe stark beschädigend.

September 4. Litt. e. Champ-Fahy. „Coup de foudre à $8^{h}\,1/2$ du soir atteignant une maison de Lignières. Le fluide a pénétré dans la maison par deux points, de chaque côté du faîte du toit, où il a réduit deux chevrons en miettes; il a percé la muraille à plusieurs places, a brisé toute la vaisselle dans la cuisine; en pénétrant dans la chambre le fluide y a culbuté trois personnes, dont un jeune garçon assis sur un tabouret qui a été brisé, puis l'éclair est sorti du local par dessous la tablette de l'une des deux fenêtres en démolissant la muraille et brisant les vitres". Vide auch Titel: „Personen" c. **9.** Litt. a. Champ-Fahy: „Un gros coup de foudre est tombé sur la Scierie Bonjour au bord du ruisseau de la Combe près Lignières: Brisé des tuiles au toit du bâtiment, s'est dirigé sur le moteur et de là dans le ruisseau". **10.** Litt. h. Altendorf (Lachen). Um $6^{1}/_{2}$ a in den Gasthof zum „Hecht": Ein Kasten zertrümmert; vide auch Titel: „Personen" c.

c) Ohne nennenswerten Materialschaden:

Mai 27. Litt. h. Lungern. Um 9^{30} p in ein Wohnhaus in der Nähe des Dorfes, ohne Materialschaden; vide auch Titel: „Personen" c.

Juni 18. Litt. i. Fehraltorf. In ein Kamin, ohne erheblichen Schaden. **21.** Lokale ⊼. Solothurn. Nach Aussage von Drittpersonen in ein Kamin eines etwa 100 m von der meteorologischen Station entfernten Hauses.

Juli 14. Litt. e. Wil (St. Gallen). Vor Mitternacht in ein Gebäude, ohne Schaden. **27.** Litt. f. Stein a. Rhein. „Kalter" Schlag in ein Gebäude, kein Schaden.

August 6. Litt. b. Uster. „Kaltschlag" in Niederuster 12^{34} p, ebenso in Uster, nahe der Kirche 12^{50} p. **13.** Lokale ⊼. Degersheim. Zwischen 5 und $5^{1}/_{2}$ p in das Kamin eines Hauses in der „Hören". **19.** Litt. c. St. Gallen. Nachmittags 3 Uhr in den Bürgerspital. **25.** Litt. b. Langnau. Ca. 2 Uhr morgens drei Blitzschläge in Häuser.

September 1. Litt. o. Oensingen. Ca. 8 p in eine Scheune (laut Meldung aus Balsthal). **10.** Litt. d. Elgg. Laut „Landbote" von Winterthur um 5 Uhr morgens in die Schlafkammer der Gebrüder H., ohne Materialschaden und ohne Verletzung von Personen.

In Blitzableiter.

April 29. Litt. b. Lachen. Gegen halb 3 Uhr morgens in zwei Blitzableiter.

Juli 14./15. Litt. b. Frauenfeld. Nachts zwischen 1 und 2 Uhr in den Blitzableiter eines Hauses an der St. Gallerstrasse, kein Schaden.

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*) Die auf das Datum folgenden Bezeichnungen z. B. „Litt. b", „erstes Alinea" etc. verweisen auf die tabellarische Uebersicht; der Ausdruck „Lokale ⊼" bezieht sich auf den entsprechenden Untertitel in den Nachträgen.

In Bäume.

Mai 27. Litt. h. Altdorf. Nachts ca. 10 Uhr in verschiedene Bäume. Lungern. Eine Tanne vom Blitz entzündet, Brand jedoch bald gelöscht.

Juni 5. Litt. b. Tobel (b. Affeltrangen). In einen Nussbaum, laut Mitteilung aus Bischofszell. **19.** Willisdorf (b. Diessenhofen). In die mitten im Weiler stehende Tanne.

Juli 14./15. Litt. a. Zofingen. Ca. 1 Uhr vormittags in eine Pappel, 2 km südlich von der meteorologischen Station. **22.** Litt. e. Rickenbach (b. Schwyz). Laut „N. Zürcher Zeitung" in verschiedene Bäume in Schwyz und Umgebung.

August 19. Litt. c. Kirchuster. An der Stelle, wo die Bahnhofstrasse über den Bach führt, eine grosse Eiche vom Blitz gespalten.

September 10. Litt. c. Landeron. Der Beobachter von Champ-Fahy meldet: „La foudre est tombée sur un arbre fruitier qu'elle a brisé en partie, au Landeron".

In Telephon-, Telegraphen- und andere Schwachstromleitungen.

April 27. Litt. e. Bachtel. In die Telephonleitung.

Juni 18. Litt. e. Grindelwald. In das Telegraphenamt, ohne erheblichen Schaden. **27.** Litt. b. Luzern. „2^{45} p zwei sehr heftige Schläge, wovon einer in eine elektrische Leitung: Läutwerk und Telegraph unterbrochen". Litt. i. Bachtel: In verschiedene Telephonleitungen: Sicherungen demoliert.

Juli 14./15. Litt. a. Basel. In die Telephonleitung: Sicherungen verbrannt, z. B. im Bernoullianum. **22.** Litt. c. Rickenbach (Schwyz). Von der Starkstromleitung abspringender Schlag in die Telephon- und die Läutwerkleitung im Hotel Bellevue und Zerstörung derselben.

September 10. Litt. e. Bachtel. Ca. 5 Uhr 10 Min. morgens in die Telephonleitung Bachtel-Hinwil: Auf dem Bachtel Sicherungen zerstört. Litt. h. Mühlebach b. Altendorf (Lachen). Um 6½ Uhr morgens in das Telephon eines Warthäuschens der S. B. B.

In elektrische Starkstromleitungen.

April 24. Litt. a. Rheinfelden. Gegen 4½ Uhr nachmittags in das Schalthaus des Kraftwerks Wylen: Ein Ölbehälter zum Platzen gebracht, durch das herumspritzende brennende Öl die übrigen Apparate in Brand gesteckt; die Schalterhalle ist ausgebrannt. („Basler Nachrichten".)

Mai 10. Litt. d. Freiburg. „4^{22} p in die Lichtleitung mit kleinen Zerstörungen in einer grossen Reihe von Häusern." Wimmis. „Nach 5 p in die Starkstromleitung Spiez-Simmental: Ein Mast zerschmettert und in der Nähe alle Sicherungen verbrannt." **27.** Litt. h. Altdorf. Ca. 10 Uhr nachts Licht- und Kraftleitung vom Blitz getroffen.

Juni 5. Litt. d. Frauenfeld. In die elektrische Lichtleitung in Langdorf. **17.** Litt. a. Les Bois. Um 12 Uhr mittags in die elektrische Leitung: Alle Sicherungen geschmolzen. Litt. f. St. Jakob b. Basel. Nachmittags 4 Uhr in den Transformator der Maschinenfabrik St. Jakob: Eine 2-3 m lange Stichflamme aus dem Schachtgerüst des Transformators etwa fünf Sekunden lang sichtbar, eine ½ m lange Flamme blieb brennen; Kupferdrähte von 9–11 $^{m}/_{m}$ Dicke zu Klumpen geschmolzen, die Isolatoren zerbrochen und deren Porzellanbestandteile geschmolzen. („Basler Nachrichten".) **18.** Litt. e. Grindelwald. In den Transformator der elektrischen Leitung. (Zeitungsnotiz.) **28.** Litt. a. Choindez. Zwischen 1 und 2 Uhr nachmittags in die Starkstromleitung; einiger Schaden.

Juli 22. Litt. c. Rickenbach (Schwyz). „Um 9^{30} p in die elektrische Leitung zehn Minuten östlich vom Seminar. Überspringen des Funkens auf die elektrische Leitung des Seminars und des Hotels Bellevue, zehn Minuten nördlich vom Seminar: Demolierung von Partien der elektrischen Lichtanlage; vide auch Titel: „Perlschnurblitze". **28.** Litt. c. Aarau. Nachmittags ca. 3 Uhr in das Transformatorenhaus der Schuhfabrik Bally.

August 5./6. Litt. a. La Ferrière. In das Elektrizitätswerk „La Goule": Lichtstrom in La Ferrière von 0^{30}–0^{41} a unterbrochen. **13.** Lokale ↖, Seite 31, Zeile 26. Degersheim. Zwischen 5 und 5½ Uhr nachmittags in die Leitung des Kubelwerks. **19.** Litt. c. Altstätten. Nach 3 Uhr nachmittags in die Starkstromleitung. St. Gallen. Nachmittags, laut Zeitungsbericht, in das Kubelwerk: Städtische Tramleitung gestört und Betrieb für 20 Minuten unterbrochen; bedeutende Störungen im städtischen Elektrizitätswerk. Litt. f. Obstalden. Nachts 11 Uhr in die Lichtleitung: Einige Sicherungen zerstört.

September 1. Litt. a. In das Transformatorenhaus von Lausen (Baselland). Litt. i. Ste Croix. „La foudre est tombée, entre 4 et 5 heures du soir, sur le grand transformateur des Clées, près d'Orbe. Aussi toute la région a-t-elle été privée de lumière durant la nuit." („Gazette de Lausanne".) **4.** Litt. e. Möhlin. Um 10^{25} p in die elektrische Leitung, kein Schaden. **9.** Litt. a. Champ-Fahy. (Vide Titel: „Gebäude" b.) Auf den Motor der Sägerei Bonjour. **14.** La Ferrière. „Sauf erreur le coup de foudre de $3^{h}18$ doit être tombé sur le transformateur de la station électrique à 300 m de la station (sur le paratonnerre), pas de dégâts."

In Personen.

a) Mit Tötung:

Juni 17. Litt. a. Villeret. Am Mittag ein im Walde arbeitender Holzscheiter vom Blitz erschlagen, vide auch c. Les Brenets. Ein siebenjähriger Knabe vom Blitz erschlagen, vide auch b.

Juli 22. Litt. a. Braunwald. Auf dem nahen Kneugrat einer von drei jungen Spaziergängern, ein fünfzehnjähriger Knabe, vom Blitz erschlagen, vide auch b. Litt. g. (Vide Titel: „Gebäude" a.) In Thonon (am Leman) eine Frau in ihrem Hause vom Blitz getötet.

September 1. Litt. i. Baulmes. Auf der Weide von Grange neuve einer von zwei Touristen vom Blitze erschlagen. **15.** Lokale ↖, Seite 31, Zeile 12 von unten. Aus Bellinzona wird den „Basler Nachrichten" unter dem Datum des 16. gemeldet: „Während eines heftigen Gewitters hat gestern abend auf dem Hügel Corte della Prena oberhalb dem Dorfe Frasco im Verzascatale der Blitz einen elfjährigen Knaben getötet; vide auch Titel: „Tiere".

b) Mit zeitweiliger Betäubung oder starker Verletzung:

April 27. Litt. a. Nachmittags ca. 3 Uhr am Hang zwischen Hundwiler Höhe und Gonten ein Kind vom Blitz getroffen; es sank bewusstlos zusammen und war schwer verletzt.

Juni 17. Litt. a. Les Bois. Blitzschlag in den Boden vor einem Hause, ein am offenen Fenster sitzender Mann blieb während einiger Zeit betäubt. Les Brenets. Um 12½ Uhr nachmittags ein elfjähriges Mädchen vom Blitz getroffen und schwer verletzt.

Juli 22. Litt. a. Muotathal. Auf dem Alpheimwesen „Grossweid" auf Illgau am Nachmittag fünf mit Heuen beschäftigte Personen vom Blitz zu Boden geschlagen; vier Personen erholten sich sofort, eine derselben, Frau B., erst nach längeren Wiederbelebungsversuchen; sie hatte vom Nacken bis zu den Füssen Brandwunden erlitten.

August 19. Litt. a. Tramelan. Laut „Bund" in eine Gruppe von Offizieren einer Rekrutenschule. Sieben Mann zu Boden geschleudert; einer derselben war eine Zeitlang bewusstlos, die übrigen verspürten Gliederschmerzen.

September 1. Litt. i. Baulmes. Unweit des Chalet „Grange neuve" ein Tourist durch den Blitz im Gesicht schwer verletzt. **4.** Litt. e. Aus Frick wird den „Basler Nachrichten" gemeldet: „Während eines Gewitters schlug der Blitz den vor einer Scheune in Oberfrick mit aufgepflanztem Bajonett stehenden Soldaten A. B. zu Boden. Er musste bewusstlos vom Platze getragen werden, hat sich indessen seither wieder erholt".

c) Mit momentaner Betäubung oder leichter Verletzung:

Mai 27. Litt. h. Eine von den sechs in dem vom Blitze getroffenen Hause (vide Titel: „Gebäude" c) weilenden Personen, ein Knabe, vom Blitz getroffen; er wurde zu Boden geworfen, erholte sich aber sofort wieder.

Juni 15. Litt. a. Grindelwald. In der Boneren (am Eiger) ein Herr von einem Blitzstrahl zu Boden geworfen. **17.** Litt. a. Villeret. Um 12 Uhr mittags zwei im Walde arbeitende Holzscheiter vom Blitz leicht verwundet.

Juli 14. Litt. h. Aus Walenstadt (vide auch Titel: „Gebäude" a) wurde der „N. Zürcher Zeitung" gemeldet: „Am 14. Juli 10 Uhr 15 abends schlug der Blitz in ein Kantonnement in den Flumser Alpen ein, das mit 70 Mann der Schiesschule besetzt war. Vier Mann wurden vom Blitz getroffen, doch sind die Verletzungen nicht schwer". **22.** Litt. a. Muotathal, vide oben, Untertitel b.

August 19. Degersheim (vide Titel: „Gebäude" a). Beim Blitzschlag ins Moosbad ein Knecht durch den Blitz am Fusse verletzt.

September 1. Litt. i. Baulmes (vide Untertitel a). Auf der Weide von Grange neuve einer von zwei Touristen vom Blitze leicht verletzt. **4.** Litt. e. (Vide Titel: „Gebäude" b.) Champ-Fahy. „Dans la maison de Lignières, atteinte par la foudre, trois personnes ont été paralysées un moment." **10.** Litt. h. Altendorf (vide Titel: „Gebäude" b). Im Gasthof zum „Hecht" ein Knabe vom Blitz betäubt.

In Tiere.

Juni 17. Litt. a. La Ferrière (vide Titel: „Gebäude" a). Eine Kuh hinter der Stalltüre vom Blitz erschlagen.

August 19. Litt. c. Altstätten. In Kriesern eine Kuh vom Blitz erschlagen.

September 1. Litt. i. Baulmes. „Trois pièces de bétail tués sur le pâturage de la Côtelette. **15.** Lokale ⊼ (vide Titel: „Personen" a). Laut Bericht aus Bellinzona, auf dem Hügel Corte della Prena (Frasco) im Verzascatale zwei Kühe vom Blitz getötet.

In den Erdboden oder in Gewässer.

Juni 17. Litt. a. Les Bois. (Vide oben, Titel: „Personen" b.) In den Boden vor einem Hause.

Juli 22. Litt. a. Braunwald. Laut „Basler Nachrichten" auf der Baumgartenalp über Linthal in unmittelbarer Nähe von zwei Knaben in die Felsköpfe.

August 5./6. Litt. a. La Ferrière. „De 0^h15 à 0^h20, trois coups de foudre frappent terre à moins de 400 m de la station, dans le pâturage, sauf erreur." **13.** Lokale ⊼, Seite 31, Zeile 26. Degersheim. Auf der „Wanne" in den Boden.

September 4. Litt. c. Champ-Fahy. Ein Zweig des in Titel „Gebäude" b erwähnten Blitzschlags in Lignières sprengte in der Umgebung Felsstücke ab und schleuderte sie weit fort.

In nicht ermittelte Objekte.

Mai 28. Litt. a. Ste Croix. Zwischen 4 und 4¾ Uhr morgens mehrmals in der Nähe. Litt. b. Champ-Fahy. „5^{30} a un formidable coup de foudre, un seconde après l'éclair."

Juni 24. Litt. d. Zürich. Um 3 Uhr 23 nachmittags ganz nahe im SW der meteorologischen Zentralanstalt.

Juli 14. Litt. f. Wil-Rafz. „Gegen 9 Uhr nachts ein Blitzschlag ohne Schaden." **30.** Litt. a. La Ferrière. „2 coups à 5^{15} et 5^{17} p frappent terre dans un rayon d'un kilomètre de la station."

August 19. Litt. a. Bellelay. Zwischen 8½ und 9¼ Uhr vormittags mehrmals in der Nähe.

September 10. Lokale ⊼, Seite 31, Zeile 14 von unten. Les Mayens de Sion. Um 1 Uhr nachmittags im E.

Perlschnurblitze.

Juli 14./15. Litt. a. Basel. Über die heftigen Blitze, welche vor Mitternacht hier sich entluden, meldet ein Beobachter den „Basler Nachrichten" unter anderem folgendes: „Das Band einer zweiten von Osten kommenden Entladung wurde inmitten ihrer Bahn plötzlich mit knisterndem Geräusch in eine Reihe von kleinen leuchtenden Funken zerlegt und es zeigte sich die zweite Hälfte der Blitzbahn wie in eine leuchtende Perlenschnur aufgelöst". **22.** Litt. c. Rickenbach. (Vide Titel: „Elektrische Starkstromleitungen". „Grüne Kugelblitze (Perlblitze. J. M.) der Zentralheizung und Wasserleitung entlang."

Anhang.

Folgende Meteorerscheinungen sind uns zur Kenntnis gelangt:

Juli 30. Lyss. „Einige Minuten nach Mitternacht sah ich ein hellgelblich glänzendes Meteor (ohne Schweif), aus ca. 35° vom Zenith in nordnordöstlicher Richtung gegen den Horizont ziehend, hinter einer Häusergruppe verschwinden." Fr. Bürgi.

August 12. Delémont. „Soeben, 12 Uhr 45 Minuten morgens, beobachtete ich ein in der Richtung N-S ziehendes Meteor von schätzungsweise 10 Sekunden Leuchtdauer." R. Hermes. **14.** Turbenthal. Laut Zeitungsnotiz wurde ca. $2^1/_2$ Uhr morgens von mehreren Personen eine grosse leuchtende Kugel beobachtet, die, ein intensiv rotes Licht verbreitend, sich scheinbar langsam gegen den Horizont hin bewegte. **22.** Uster. „Soeben, 9 Uhr 40 Minuten abends, beobachtete ich eine seltsame Sternschnuppe mit Schweif, der in allen Farben, aber vorherrschend grün erglänzte. Sie durchquerte den Himmel langsam von Südost nach Westen, ähnlich einer Rakete." Cl. Grunholzer.

September 11. Lachen. „Ein Meteor wurde heute abend 9 Uhr 35 Minuten von mir und andern Personen gesehen. In majestätischer Schönheit schoss dasselbe, einer Rakete gleich, am Sternenhimmel von Ost nach West, in grünliche Kugeln sich auflösend." Hug, Droguist. **19.** La Ferrière. „A 7^h55 du soir superbe bolide de couleur verte tombant rapidement de δ Bouvier*), pour s'éteindre entre η Bouvier et Arcturus. Large traînée lumineuse jaunâtre". Herzog, pasteur.

November 15. Zürich, Dufourstrasse. „Um 11 Uhr 31 Minuten nachts bemerkte ich an dem teilweise bedeckten Himmel plötzlich einen in rasendem Tempo von Ost nach West dahinschiessenden feurigen Gegenstand (Meteor?), der eine schwach gewölbte, dicke, feurige Linie hinter sich liess. Da die Erscheinung hinter einem Hause verschwand, konnte ich sie vielleicht nur eine Sekunde beobachten." H. Meier.

Dezember 11. Prätigau. „Gegen $5^3/_4$ Uhr morgens verbreitete sich über dem obern Prätigau plötzlich eine intensive längere Lichtgarbe. Ein Angestellter der Rhätischen Bahn sah, wie eine grosse feurige Kugel nach Osten verschwand; unmittelbar nachher konnte er noch ein mehrfaches Aufleuchten, ähnlich einem starken Wetterleuchten, beobachten." „Davoser Zeitung".

J. Mettler.

Errata.

Zu streichen: Seite 14, **Juli 14.**, Zeile 2 von litt. e, nach Bachtel: Wil $\lessdot_4$,
„ 32, Untertitel d, **Mai,** Zeile 3, nach „im N" der Passus: **29.** Säntis n (29./30.) ....

Zu setzen: „ 7, **Mai 17.**, Zeile 3 von litt. a, anstatt Mormont: Romont.
„ 8, **Mai 27.**, Zeile 3 von litt. h, anstatt Altdorf $\lessdot_4$: Altdorf ▲ und $\lessdot_4$.
„ 11, **Juni 17.**, Zeile 2 von litt. a, anstatt La Ferriѐe: La Ferrière.
„ 16, **Juli 26.**, litt. g, Kolonne 5, anstatt 11^{40}: 11^{40} p.
„ 18, **August 19.**, Zeile 8 von litt. a, anstatt Bellelay $\lessdot_4$: Tramelan und Bellelay $\lessdot_4$.
„ 20, **August 25.**, Zeile 4 von litt. b, anstatt Ergänzungen a: Ergänzungen b.

Einzuschalten: „ 9, **Mai 30.**, litt. d, vor Locarno: Mosogno.
„ 14, **Juli 14.**, Zeile 2 von litt. f, nach Wilchingen: Wil-Rafz $\lessdot_4$.
„ 23, **September 4.**, Zeile 8 von litt. e, nach Champ-Fahy: Oberfrick.
„ 29, **Juli 14./15.**, litt. a, vor Willisauland: Liestal (Baselland),
„ 32, Untertitel d, **April,** Zeile 4, nach „fern": **29.** Säntis n (29./30.) fünfzehnmal (Vorarlberg).

Beizufügen: „ 7, **Mai 10.**, litt. d, am Ende von Zeile 7: Freiburg, Wimmis und Zofingen $\lessdot_4$.
„ 8, **Mai 27.**, am Schlusse von litt. g und litt. h: Weitere Bemerkungen, vide Ergänzungen a.
„ 9, **Mai 28.**, Zeile 2 von litt. e, nach Hagenbuch, ebenso Seite 13, **Juni 24.**, Zeile 1 von litt. f, nach Tannegg, ferner: Seite 25, **September 10.**, litt. i, nach Coppet und nach Founex: ▲.
„ 10, **Juni 3.**, Zeile 2 von litt. d, nach Grosshöchstetten: $\lessdot_4$.
„ 14, **Juli 14./15.**, litt. $\left.\begin{matrix}a\\a_1\end{matrix}\right\}$, am Ende von Zeile 7: Basel und Zofingen $\lessdot_4$.
„ 15, **Juli 22.**, Zeile 4 von litt. g, nach Gsteig b. S.: Thonon $\lessdot_4$;
„ 36, Titel Perlschnurblitze, Zeile 4, nach „El. Starkstromleitungen".:)

Erklärung zu den Tafeln.

Die am Schlusse beigefügten Kärtchen sollen die Tage mit den meisten Gewitterzügen und Gewittergruppen zur Anschauung bringen; sofern aber der Raum es gestattete, wurden auch noch solche eines andern Tages eingezeichnet. Von 60 im Original graphisch dargestellten Gewittertagen konnten auf diese Weise 39 in den nachstehenden Tafeln berücksichtigt werden. Das Symbol ▲ markiert die Lage der einzelnen hagelbeschädigten Gemeinden oder Orte, nur grössere zusammenhängende Hagelstriche sind durch Schraffierung bezeichnet. Die Pfeile geben die Richtung des Gewitters; konnte dieselbe nicht ermittelt werden, so deutet ein Punkt die Gegend der elektrischen Entladungen an. Die Kurven (Isobronten) verbinden die Stationen mit gleichzeitigem Eintritt des Gewitters im Zenith des Beobachters. Die Ziffern bezeichnen die Zeit in Stunden und Viertelstunden (0^h = Mitternacht; 12^h = Mittag). Die hinter den Ziffern stehenden kleinen Lettern a und p bedeuten ante meridiem und post meridiem, die grössern neben oder in dem Zuge stehenden beziehen sich auf Kolonne 2 der tabellarischen Zusammenstellung.

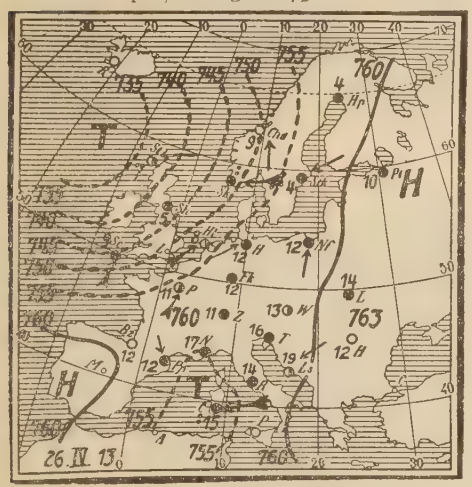
*) Bouvier = Sternbild Bootes.

Synoptische Wetterkarten

für einzelne Hauptgewittertage des Jahres 1913.

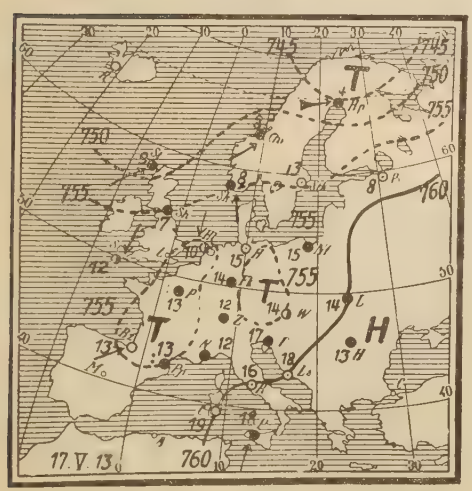
Symbole: ○ hell, ◑ wolkig, ● bedeckt, : Regen, ⟶ Sturm.

26. April, Vortag der K. vom 27.



10. Mai.

17. Mai.



27. Mai.

Anmerkung: Die eingezeichneten Kurven (Isobaren) verbinden die Orte mit gleichem um 7 resp. 8 Uhr morgens abgelesenem (auf das Meeresniveau reduziertem) Barometerstand; durch die Worte „Hoch“ und „Tief“ werden barometrische Maxima und Minima bezeichnet. Die Zahlen neben den Stationen geben für vorgenannte Zeit die Temperatur in Graden (Celsius); die Windrichtung ist durch Pfeile markiert.

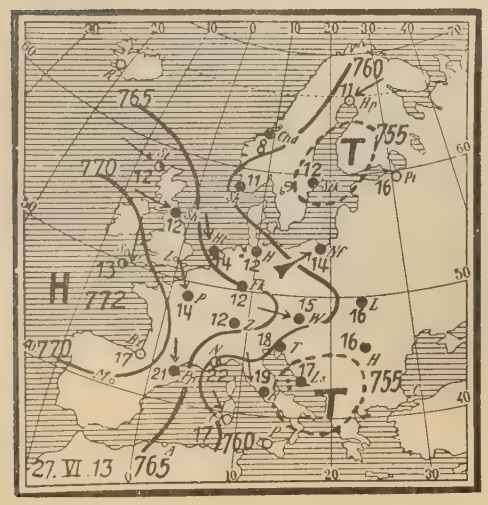
31. Mai.

16. Juni.

17. Juni.

24. Juni.

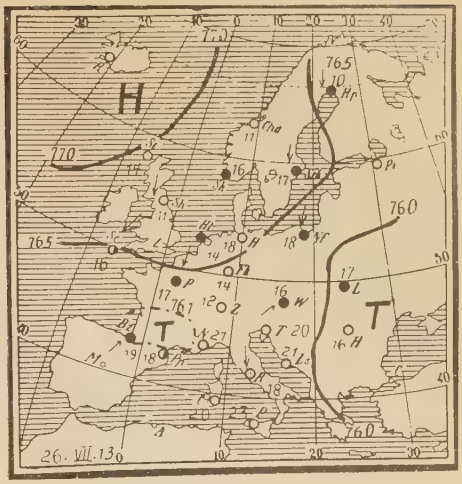
27. Juni.



14. Juli.

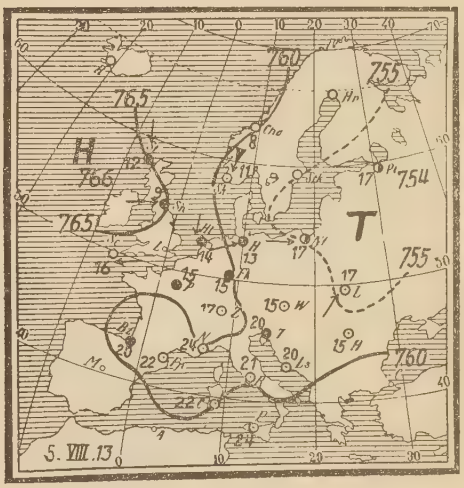
22. Juli.

26. Juli, Vortag der K. vom 27.

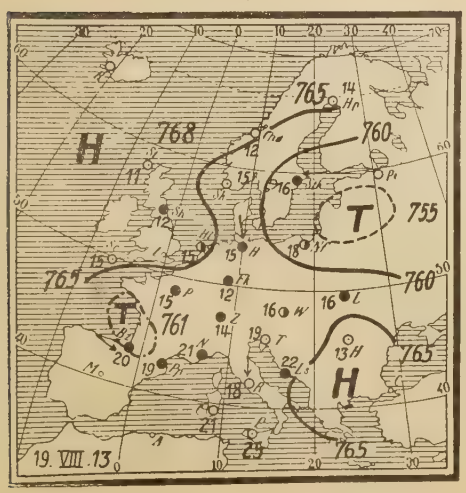


30. Juli.

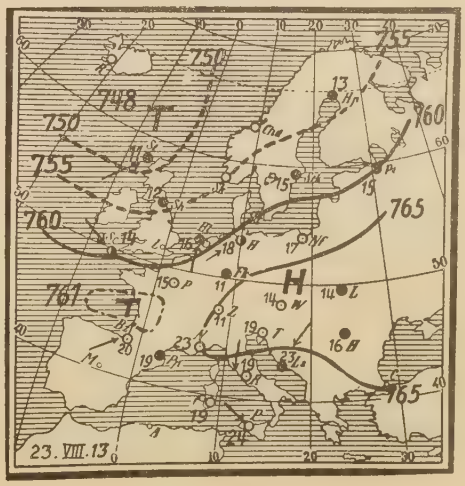
5. August.



19. August.

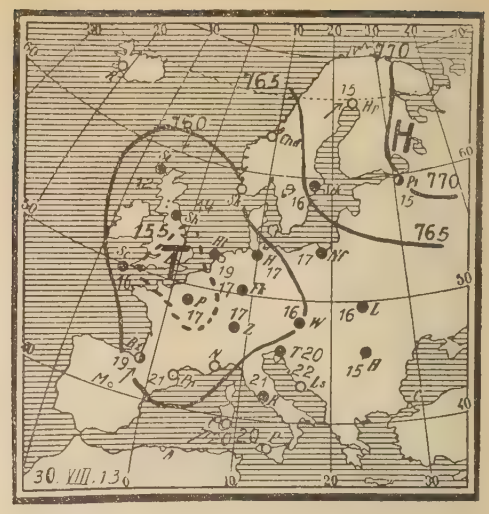


23. August. Vortag der K. vom 24.



29. August.

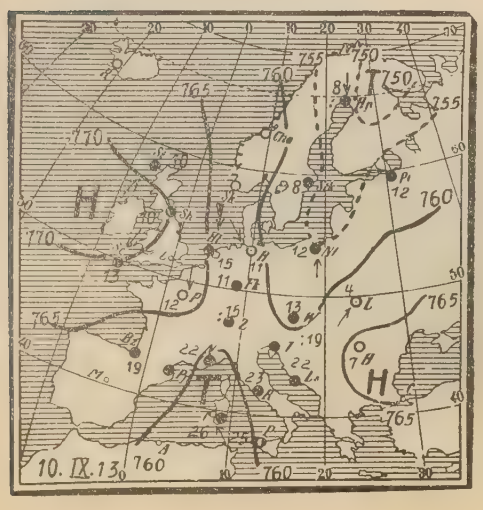
30. August.



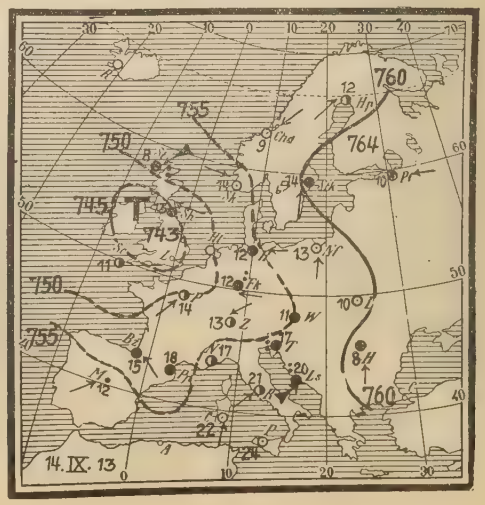
1. September.

4. September.

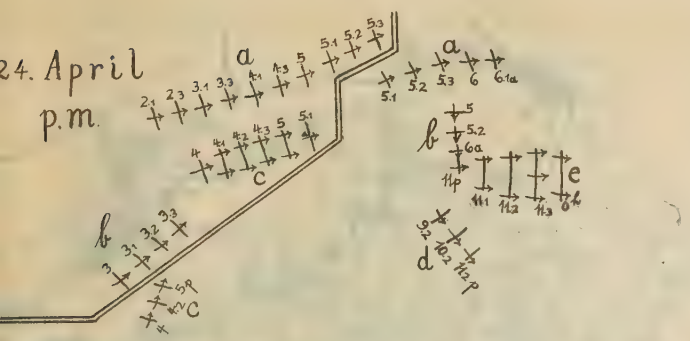
10. September.

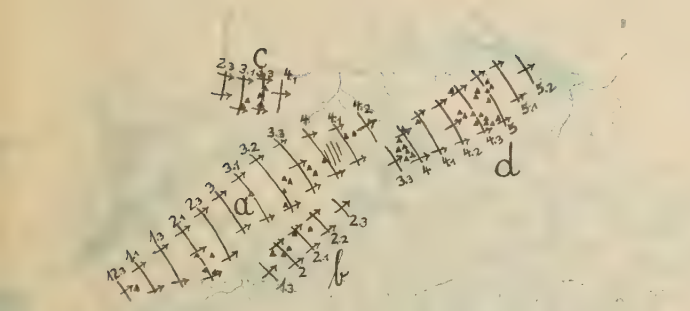


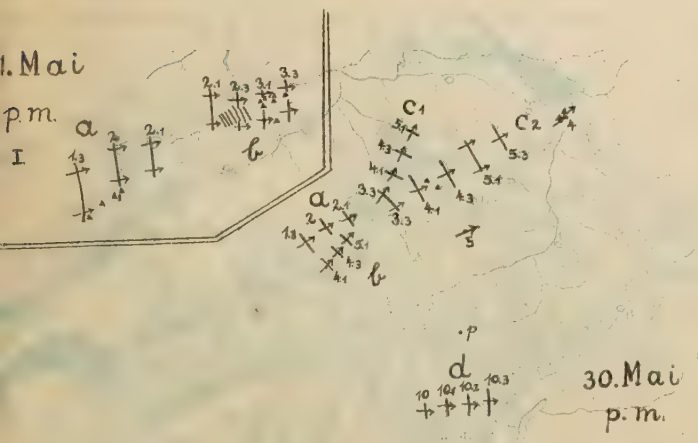
14. September.



Graphische Darstellung der Hauptgewittertage im Jahre 1913.



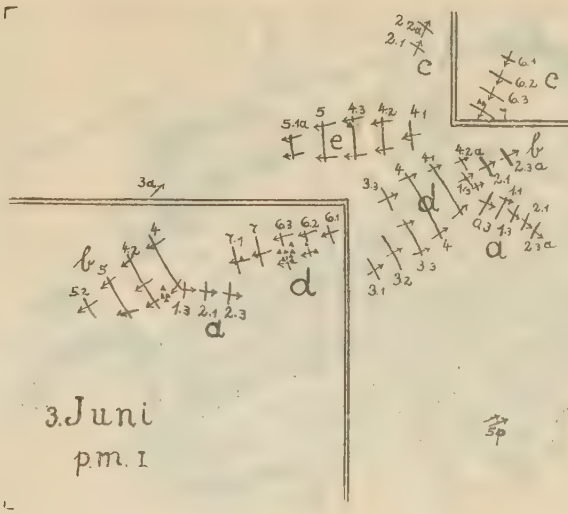




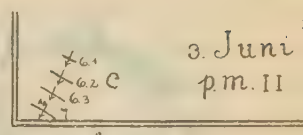
PH. ANSTALT GEBRÜDER FREY, ZÜRICH I.

Graphische Darstellung der Hauptgewittertage im Jahre 1913.

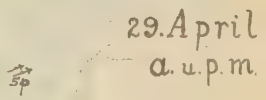
31. Mai
p. m.
II



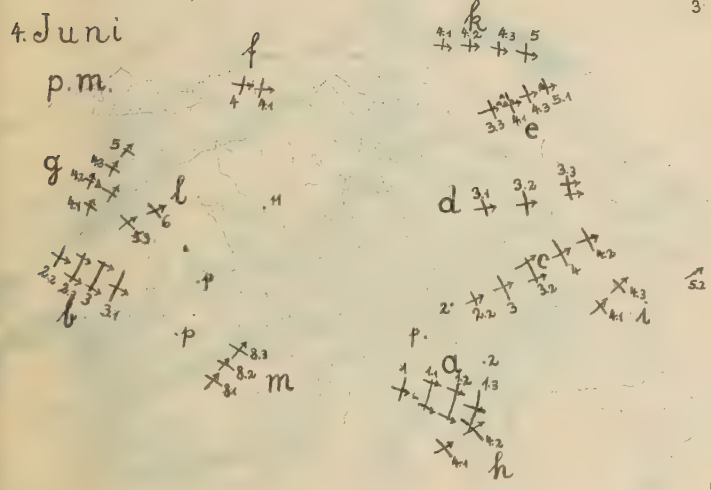
3. Juni
p. m. I



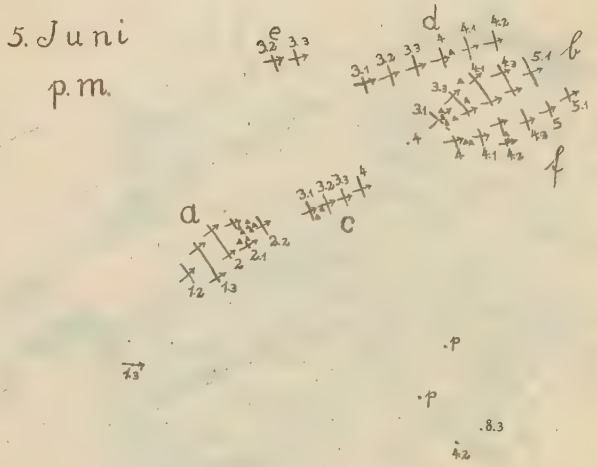
3. Juni
p. m. II



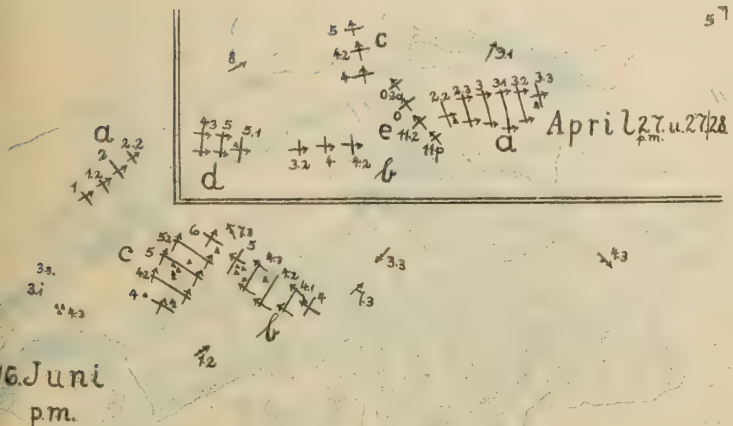
29. April
a. u. p. m.



4. Juni
p. m.



5. Juni
p. m.

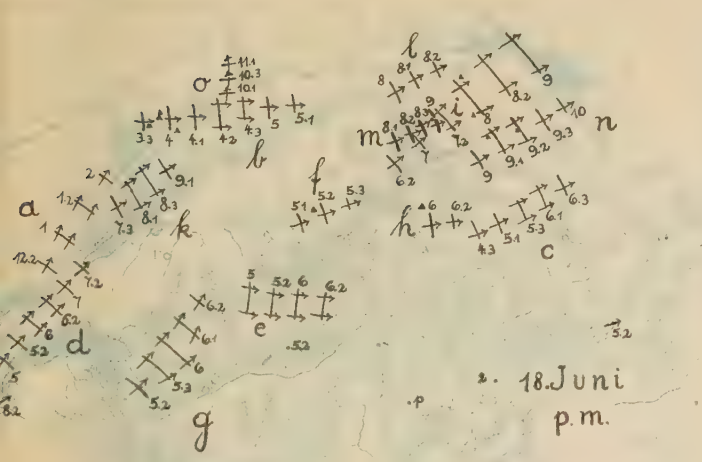


6. Juni
p. m.

17. Juni
a. u. p. m.

APH. ANSTALT GEBRÜDER FREY, ZÜRICH I.

Graphische Darstellung der Hauptgewittertage im Jahre 1913.



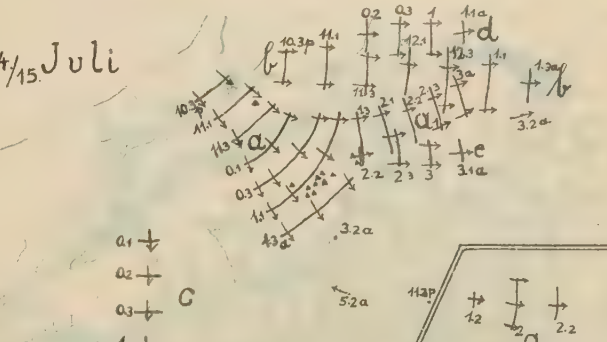
18. Juni
p.m.

19. Juni
p.m.

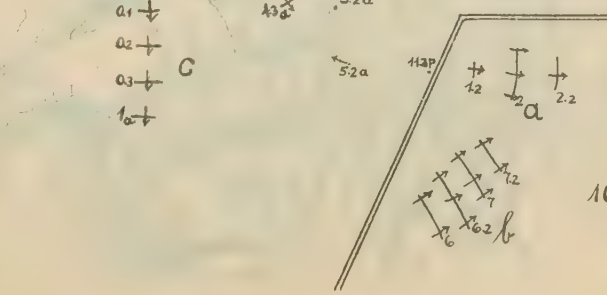
24. Juni
p.m.

27. Juni
p.m.

14. Juli
p.m.



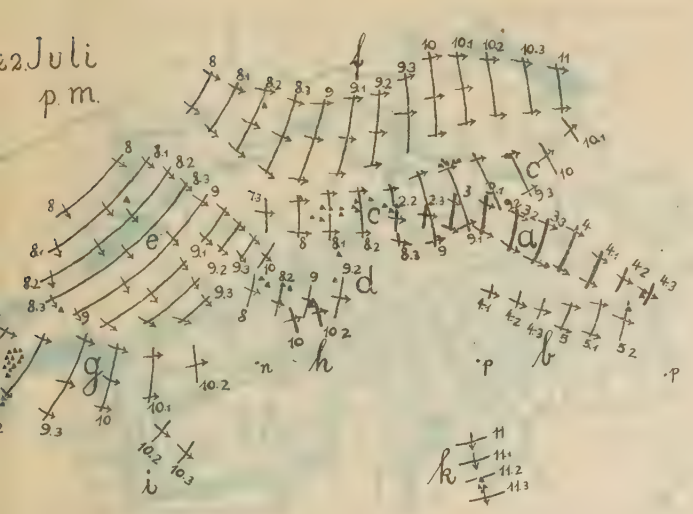
14/15. Juli

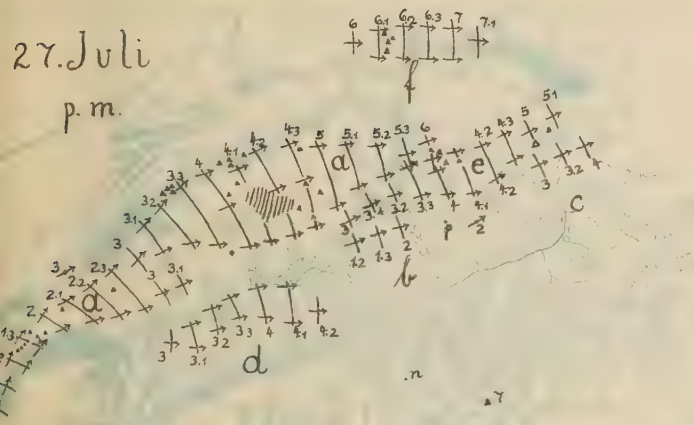


16. Juli
a.m.

ANSTALT GEBRUDER FREY, ZÜRICH

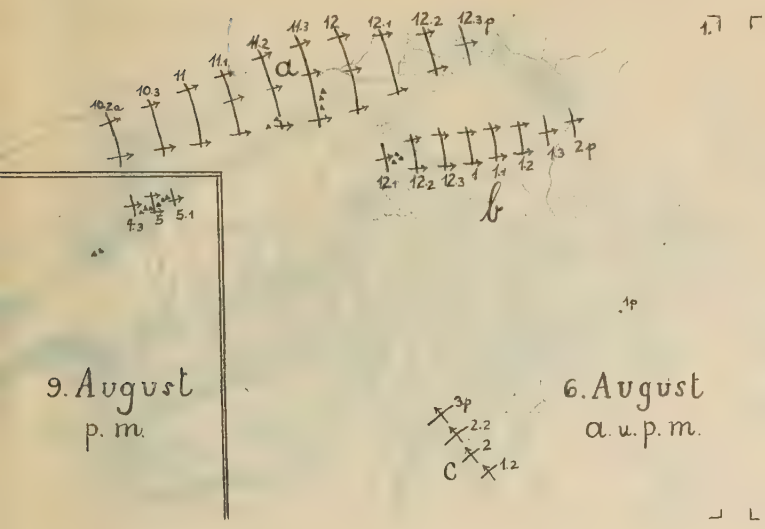
Graphische Darstellung der Hauptgewittertage im Jahre 1913.





GRAPH. ANSTALT GEBRUDER FREY, ZURICH I

Graphische Darstellung der Hauptgewittertage im Jahre 1913.

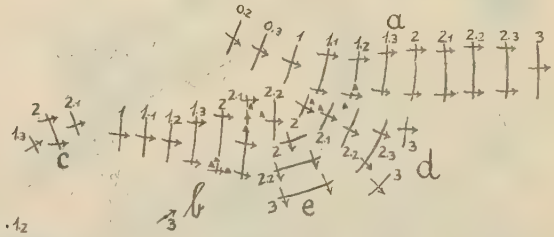


9. August
p. m.

6. August
a. u. p. m.

20. August
a. u. p. m.

24. August
p. m.



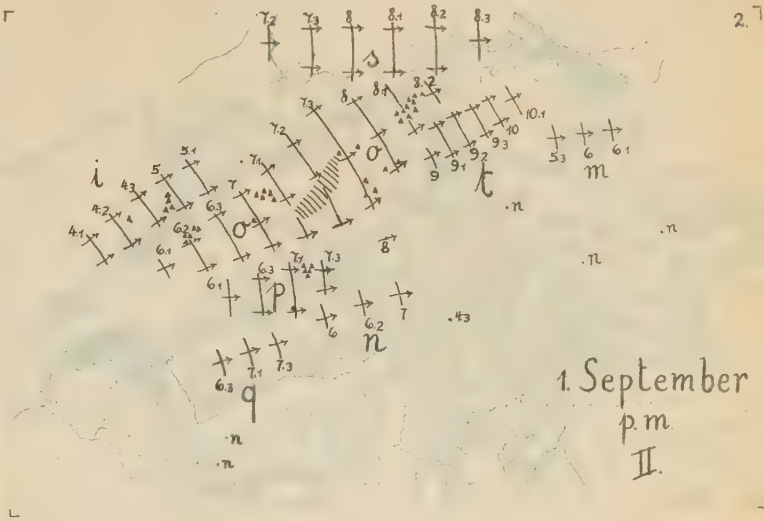
25. August
a. m.

August
29. p. u. 29./30.

August
30. p. u. 30./31.

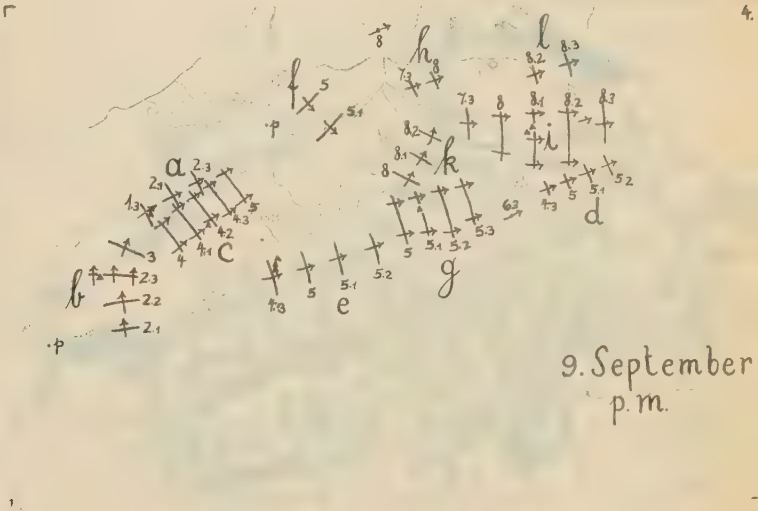
Graphische Darstellung der Hauptgewittertage im Jahre 1913.

1. September
p. m.
I.

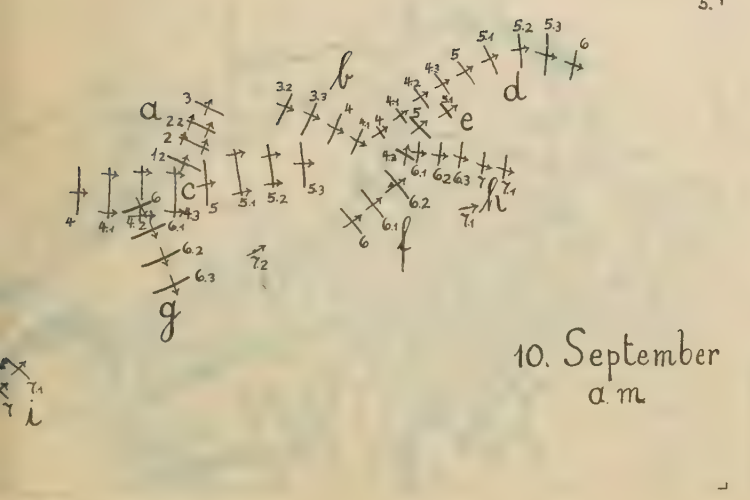


1. September
p. m.
II.

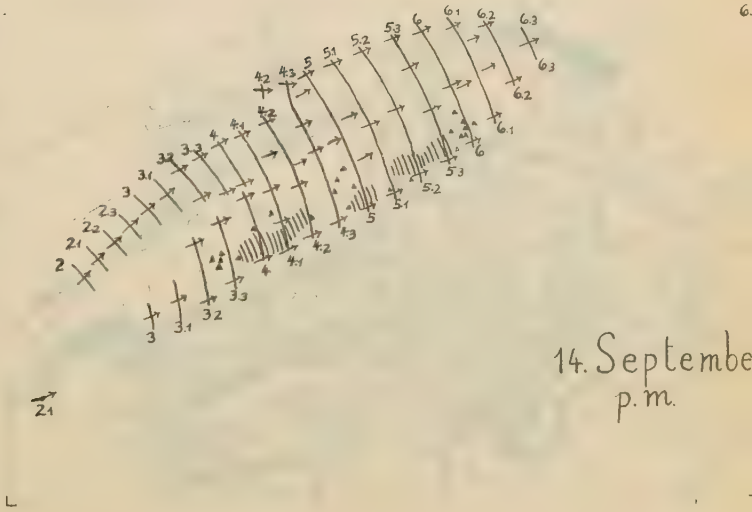
4. September
p. m.



9. September
p. m.



10. September
a. m.



14. Septembe
p. m.

APH. ANSTALT GEBR. ICKER, FREY & CIE. ZÜRICH

Nr. 4.

Ergebnisse der Registrierungen des Sonnenscheinautographen im Jahr 1913

auf den Stationen:

Lugano, Genf*), Lausanne*), Clarens, Siders, Chaux-de-Fonds, Mont Soleil (s. St. Imier), **Neuenburg, Bern, Luzern, Basel*), Wintersingen** (Baselland), **Plantahof** (b. Landquart), **Hallau, Zürich, Haidenhaus, Davos, Arosa, St. Moritz und Säntis.**

*) Basel (Bernoullianum) besitzt seit Januar 1908 einen neuen Sonnenscheinautographen (Modell Negretti & Zambra); Genf desgleichen seit 15. Januar 1909 und Lausanne seit Anfang Januar 1909; Luzern, an Stelle von Heiligenschwendi tretend, hat seit Beginn 1910 ebenfalls ersteres Modell erhalten.

Die nachstehenden Tabellen geben einerseits für jeden Tag des Jahres eine synoptische Uebersicht der Sonnenscheindauer an den verschiedenen Stationen, anderseits die Monats- und Jahressummen der klimatischen Hauptgebiete für jede Tagesstunde in wahrer Ortszeit.

Tägliche Dauer des Sonnenscheins in Stunden. 1913.

Januar.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haldenhaus	Davos	Arosa	St. Moritz	Säntis
1	6.7	0.0	4.9	2.9	6.0	6.2	7.2	0.0	4.9	3.7	6.9	5.3	5.5	3.8	4.0	6.7	5.4	6.0	4.7	6.7
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	0.0	2.1	0.3	1.2	0.6	2.5	1.9	1.8	2.1
3	6.6	0.0	0.0	0.0	5.9	5.7	6.6	0.0	3.8	0.0	5.9	4.5	5.4	0.0	2.3	5.0	5.4	6.0	5.0	6.3
4	6.5	0.0	0.0	2.1	6.1	6.6	8.0	0.0	0.0	0.0	6.7	2.3	5.6	0.0	0.0	3.6	5.5	6.1	5.5	6.5
5	0.0	0.0	0.0	0.0	0.0	6.2	7.3	0.0	0.0	0.0	6.6	3.5	5.4	0.0	0.0	0.0	5.4	6.3	0.0	6.5
6	6.8	0.0	0.0	0.0	4.9	0.0	0.0	0.0	2.7	0.0	1.1	1.7	5.6	0.0	0.9	0.0	5.5	6.3	4.7	6.5
7	3.1	3.3	3.4	2.5	6.0	2.8	3.7	3.4	4.9	4.3	2.9	3.6	5.6	6.3	6.5	5.9	5.5	6.4	3.1	4.2
8	6.6	0.0	0.0	0.7	4.0	6.3	7.2	0.0	0.0	0.0	5.5	0.0	5.4	0.0	0.0	0.8	5.5	6.5	2.5	6.9
9	2.8	0.0	0.0	0.7	1.3	6.1	7.6	0.0	0.0	0.0	1.2	0.3	4.4	0.0	0.0	0.0	5.6	6.5	5.7	7.0
10	0.0	0.0	0.0	0.0	1.3	2.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.2	4.4	3.0
11	5.6	3.9	4.5	3.8	3.8	0.1	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.6	1.6	0.0
12	5.4	2.6	1.3	1.1	0.0	0.8	0.0	1.4	1.8	1.4	0.6	0.0	0.0	2.0	1.5	0.0	0.5	0.0	0.0	0.0
13	7.1	3.9	4.8	4.0	5.6	0.5	0.0	1.1	3.4	4.0	0.1	0.0	0.5	0.0	0.1	3.4	2.9	2.0	4.0	0.0
14	0.7	0.2	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.4	0.7	0.3	3.7	1.9	3.3	0.0	3.3	3.6	1.7	3.8
15	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.1	0.0	0.6	3.2	0.9	1.8	0.9	2.9	1.5	0.0	2.5
16	0.0	4.1	3.0	0.6	1.7	2.7	0.6	1.6	1.6	1.7	2.9	2.2	1.0	0.3	1.4	0.8	1.4	0.8	0.0	0.0
17	0.0	2.0	1.0	0.6	0.0	2.2	1.8	2.2	4.0	0.4	2.9	1.3	1.8	3.8	2.6	1.6	3.2	2.0	0.0	2.8
18	4.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.1	0.0	0.1	0.0	0.3	0.2	1.5	0.2	1.1	2.6	0.0
19	4.8	2.8	1.7	2.4	2.5	2.5	2.5	3.7	2.6	4.5	3.1	2.6	3.6	3.0	4.2	0.0	5.3	5.5	4.3	2.6
20	0.0	0.4	0.0	0.7	0.4	0.4	0.0	0.5	0.4	0.8	1.7	0.9	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.0
21	2.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.4	0.4	3.2	0.3	2.4	0.5	3.7	3.2	3.2	0.0
22	7.6	1.7	0.8	0.4	0.3	0.1	0.0	0.0	0.7	0.0	1.1	0.6	0.0	1.5	0.2	0.4	0.0	0.0	0.1	0.0
23	6.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
24	6.3	7.0	6.4	6.0	6.3	1.3	1.5	3.9	0.9	1.2	0.8	0.3	5.9	1.2	1.0	0.6	6.0	6.5	4.7	7.7
25	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9	1.3	2.6	1.2	1.5	0.0	3.7	4.7	4.2	4.6
26	7.0	1.2	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
27	4.4	0.0	0.0	0.3	6.5	6.5	4.6	0.0	0.0	0.0	7.1	0.0	6.1	4.9	0.4	0.8	6.2	7.2	5.8	7.6
28	0.0	0.0	1.0	2.7	3.7	1.3	0.0	1.7	0.8	0.0	1.5	0.3	1.6	0.3	1.0	0.1	1.6	1.2	2.7	0.0
29	0.0	0.0	0.6	2.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	5.5	1.5	1.6	0.0	0.0	0.0	1.3	0.0	0.2	0.0	0.0	0.0	1.5	0.5	0.0	5.1
31	0.0	0.0	0.5	0.5	1.9	0.0	0.0	0.6	1.2	0.0	1.0	0.4	0.0	0.2	0.1	0.0	0.7	0.0	0.0	0.0
Mittel	3.4	1.2	1.1	1.1	2.5	2.0	2.1	0.6	1.3	1.0	2.2	1.0	2.5	1.0	1.2	1.1	3.0	3.2	2.3	3.0

Februar.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haldenhaus	Davos	Arosa	St. Moritz	Säntis
1	5.4	0.0	0.9	0.0	0.0	1.7	2.3	1.7	1.3	0.5	2.7	1.7	1.5	1.8	0.7	0.6	2.7	0.6	0.7	0.8
2	0.0	4.8	2.1	0.0	0.0	0.0	0.0	1.1	1.3	0.6	3.4	1.4	0.0	1.7	0.5	0.9	0.0	0.0	0.0	0.0
3	8.4	5.7	0.2	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	1.7	0.0	0.0	0.4	0.0
4	8.3	6.8	7.4	6.0	6.4	0.0	0.0	3.1	5.1	4.6	0.1	0.3	4.7	0.5	5.5	0.0	5.7	5.4	6.8	7.7
5	5.2	3.3	6.3	4.0	4.3	6.8	8.7	0.0	6.7	6.7	8.6	6.3	6.3	3.7	6.9	7.7	6.7	7.3	7.6	8.3
6	5.1	0.0	1.8	4.2	6.6	5.0	6.1	0.0	8.1	6.4	6.0	4.6	6.3	4.7	5.8	4.9	6.8	7.6	7.1	7.8
7	4.4	1.4	8.8	5.9	6.1	6.2	6.0	3.3	6.0	7.3	5.9	4.8	6.0	4.6	4.5	4.4	6.7	6.6	7.9	7.2
8	2.0	2.9	0.8	0.0	0.0	0.5	0.0	0.7	0.7	0.1	1.9	0.4	0.8	0.1	0.2	1.7	1.4	1.4	2.2	1.3
9	8.2	8.1	8.8	7.7	6.8	7.3	7.2	8.4	0.0	0.0	5.4	6.0	7.1	2.4	0.0	0.0	6.8	7.5	8.1	8.4
10	8.2	4.9	7.0	4.8	0.0	6.8	8.4	0.0	2.8	1.7	7.9	5.7	7.0	0.0	4.6	1.6	6.8	7.9	0.3	7.1
11	3.1	5.8	6.8	6.5	6.3	7.5	8.5	4.4	6.0	1.4	6.2	4.4	0.4	2.6	2.6	1.4	0.5	0.0	0.0	0.3
12	8.8	9.0	9.4	7.7	6.8	8.7	9.3	8.8	5.8	2.1	2.5	7.3	3.0	8.8	6.6	6.7	6.8	8.1	7.7	9.4
13	5.6	9.1	9.8	8.2	6.8	8.9	9.5	9.3	8.8	6.4	7.3	7.4	6.1	8.7	8.4	7.1	6.6	7.2	8.2	8.9
14	8.8	9.2	8.6	6.7	6.8	1.2	0.0	2.7	3.4	0.7	1.3	2.4	0.0	2.0	1.6	1.2	0.8	0.0	6.3	0.0
15	0.0	2.2	6.9	3.3	6.8	8.8	9.5	9.2	7.6	4.0	9.1	7.4	7.2	9.3	9.3	8.6	6.9	8.1	8.0	10.1
16	9.1	6.6	6.2	3.9	5.7	8.4	9.2	9.4	7.4	8.1	9.2	7.4	6.5	9.3	9.1	7.3	7.0	6.9	8.6	8.4
17	0.0	1.4	1.0	0.0	0.3	7.6	8.9	8.6	6.7	2.5	6.2	6.3	6.0	8.3	9.2	8.0	6.2	4.8	4.6	7.4
18	4.7	0.0	9.4	0.1	4.4	7.0	8.8	7.5	7.2	8.6	8.6	6.9	7.3	9.0	8.9	8.1	7.2	8.2	7.8	9.4
19	7.3	7.2	0.0	4.3	5.9	8.7	9.6	8.5	8.0	0.0	8.3	7.2	7.1	8.9	4.8	5.4	7.3	8.3	8.4	9.4
20	0.0	5.6	8.9	7.9	7.7	7.3	9.0	8.3	6.9	7.6	7.5	6.9	7.1	7.3	7.9	8.7	5.1	4.3	4.9	8.1
21	6.0	8.3	7.9	7.0	7.1	0.2	2.6	0.5	1.9	3.8	4.6	1.1	4.5	3.6	5.1	5.2	3.7	3.4	4.7	5.1
22	8.7	6.8	9.0	4.3	7.2	8.7	9.9	8.4	6.8	0.0	6.9	6.2	4.3	8.9	5.7	8.1	7.3	8.1	6.9	9.9
23	9.2	8.4	8.5	7.4	7.0	9.5	9.9	9.6	9.0	7.1	9.8	7.6	7.8	9.6	9.8	8.6	7.0	8.3	6.9	10.1
24	9.5	9.2	9.9	8.9	8.2	9.3	10.0	9.6	9.0	9.3	9.6	7.6	7.9	9.8	9.8	9.1	7.5	8.4	8.8	10.3
25	9.6	9.1	9.9	8.7	8.2	9.0	10.5	9.3	9.3	9.7	9.7	7.8	7.9	9.2	9.8	9.1	7.6	8.5	8.8	10.4
26	9.3	3.2	6.1	5.9	7.8	6.2	7.5	6.9	8.3	9.1	9.2	7.0	8.0	9.3	9.7	8.9	7.6	8.4	8.9	10.2
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.1	2.6	2.3	1.6	1.0
28	6.1	1.4	0.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.3	0.0
Mittel	5.8	5.0	5.8	4.4	4.8	5.4	6.1	5.0	5.1	3.9	5.6	4.7	4.7	5.1	5.3	4.8	4.7	5.3	5.5	6.3

1913. **Tägliche Dauer des Sonnenscheins in Stunden.**

März.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haldenhaus	Davos	Arosa	St. Moritz	Säntis
1	10.0	2.9	9.2	6.9	7.1	0.0	0.0	5.0	2.7	0.1	1.6	4.4	5.0	0.8	2.4	0.2	7.0	1.5	8.5	8.6
2	3.3	4.6	4.3	3.7	5.1	5.6	7.1	7.6	3.4	5.5	7.6	6.1	8.1	7.1	5.6	5.2	7.9	8.2	8.7	9.7
3	9.4	8.9	10.1	8.0	7.8	8.9	9.4	9.4	9.2	8.0	7.1	7.1	8.0	7.9	8.4	8.5	8.0	8.7	9.0	7.5
4	5.5	9.1	9.3	7.2	6.0	2.2	3.9	8.6	7.9	5.9	3.6	3.5	3.7	4.3	4.7	5.1	2.8	3.1	1.8	4.9
5	10.0	9.6	10.4	9.0	8.2	2.7	3.4	9.7	10.0	9.6	3.2	6.8	8.5	9.5	9.9	9.3	8.2	8.9	8.5	9.8
6	10.0	9.5	10.5	9.1	8.4	8.2	8.4	9.2	9.6	9.4	8.3	7.9	8.6	7.4	9.4	9.2	8.4	8.9	9.1	10.6
7	8.5	9.3	9.8	8.8	8.2	8.4	8.3	8.5	9.3	9.0	8.2	6.9	7.3	8.2	7.8	7.1	8.4	8.2	9.7	6.9
8	1.3	1.1	0.0	0.2	0.0	0.0	0.0	0.2	0.0	1.2	1.2	0.3	0.7	0.1	0.7	0.5	3.8	1.4	7.8	2.0
9	7.2	9.1	9.8	7.6	8.7	4.9	1.3	5.7	8.4	6.9	6.6	3.3	3.4	2.3	3.3	4.6	6.6	0.7	0.4	0.1
10	6.1	7.9	3.5	4.2	4.5	4.0	5.1	4.3	2.1	2.9	4.5	5.4	0.1	4.4	4.5	3.2	0.2	0.0	0.0	0.2
11	9.8	9.9	10.7	9.1	8.5	7.8	9.5	8.8	8.1	8.8	8.9	7.4	8.0	8.6	9.4	8.7	8.8	8.7	9.3	7.9
12	4.6	6.7	6.1	2.6	3.4	3.9	5.9	3.8	3.7	7.5	9.0	6.5	6.7	8.5	7.3	8.4	8.5	6.6	5.6	7.3
13	5.2	2.7	3.6	2.2	4.0	0.5	2.3	2.0	3.7	4.6	0.1	0.1	4.5	2.3	4.1	1.8	7.1	3.0	3.6	1.9
14	8.9	9.9	10.3	8.4	8.3	5.9	8.6	8.3	8.7	8.4	5.7	6.2	8.8	8.0	9.2	8.3	9.4	9.7	9.1	6.9
15	1.2	2.9	3.4	1.2	2.5	0.5	0.6	2.2	0.4	3.1	2.4	0.5	3.3	2.6	1.6	2.4	6.1	4.0	3.3	0.0
16	0.0	10.3	10.6	9.0	8.4	9.5	10.0	10.1	9.3	10.4	9.3	8.1	8.7	9.1	10.1	9.9	9.5	9.2	3.4	10.1
17	0.0	1.5	3.3	2.6	2.5	3.9	4.5	4.5	5.4	7.4	5.3	4.1	4.5	3.9	6.3	6.1	6.1	5.3	3.9	8.0
18	0.0	6.0	5.5	4.0	1.8	1.3	3.4	2.1	2.8	2.3	3.8	3.0	0.1	0.1	1.8	1.2	6.3	0.0	0.0	0.0
19	8.0	5.9	5.9	4.8	3.6	2.9	2.7	0.0	3.9	5.1	5.8	3.9	4.6	2.9	5.7	5.0	0.0	4.5	5.2	4.7
20	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.7	0.1	0.0	0.1	0.2	1.4	0.7	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	9.1	0.2	1.3	0.0	0.0
22	0.0	5.1	7.1	4.4	6.8	5.8	7.9	4.8	7.5	8.2	6.0	7.0	7.8	5.6	9.5	0.0	4.2	3.8	0.0	10.4
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.1	1.1	0.3	0.0	3.2
24	2.5	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0
25	5.2	2.2	2.6	6.0	6.8	1.3	0.0	0.0	0.0	0.0	1.3	0.4	0.0	1.2	3.1	0.0	9.4	8.0	5.2	10.4
26	0.0	0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.3	0.0	0.7	1.1	0.7	1.3	1.2	1.0	1.7	1.2	1.0	1.0
27	9.1	10.2	9.6	6.7	7.3	4.8	4.6	5.5	6.8	5.2	6.4	5.0	1.5	5.7	7.3	5.2	1.9	0.0	9.8	0.1
28	2.7	8.5	9.4	8.2	5.4	3.9	5.3	4.8	6.7	9.3	7.1	6.2	6.5	6.8	8.4	8.1	8.5	8.5	6.9	8.5
29	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.2	0.5	0.3	0.6	3.8	2.0	1.8	2.1
30	6.2	2.9	2.9	3.0	3.0	0.1	0.0	0.6	2.0	0.9	2.3	1.6	3.9	4.6	2.7	1.1	8.4	6.9	6.9	0.0
31	0.0	0.0	4.7	3.0	3.6	3.3	3.9	4.2	6.3	6.5	7.4	7.5	9.1	6.3	6.1	5.1	3.5	3.1	0.3	2.1
Mittel	4.4	5.1	5.6	4.5	4.5	3.2	3.7	4.3	4.5	4.7	4.3	3.9	4.9	4.2	4.9	4.4	5.4	4.4	4.5	4.7

April.

1	0.0	5.7	2.3	0.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
2	0.0	9.8	2.7	4.3	2.0	1.5	0.0	3.1	0.9	0.0	0.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	9.2	12.1	9.5	9.9	9.4	8.8	8.9	10.3	8.8	5.6	6.3	9.2	2.3	6.5	0.0	7.1	5.8	0.0	11.0
4	0.0	1.4	4.1	4.6	7.2	7.2	7.2	5.0	6.3	6.6	4.4	0.0	8.3	9.6	9.1	9.4	8.6	8.4	2.2	9.2
5	0.0	4.2	7.2	7.2	7.5	3.8	5.2	5.9	5.4	5.5	2.9	2.5	6.1	1.6	3.2	3.6	5.5	6.1	3.9	2.9
6	6.1	5.6	8.5	6.1	5.1	4.5	6.1	7.3	9.2	8.2	10.5	8.2	8.7	10.4	10.0	7.8	8.2	10.2	9.8	6.3
7	6.8	4.8	5.1	3.8	3.3	1.0	2.2	4.7	2.7	3.3	2.3	2.4	3.9	3.5	5.4	5.2	4.3	0.1	8.2	0.5
8	7.8	1.2	2.7	4.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	4.3	1.7	7.8	2.4
9	1.0	0.5	0.3	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.7	1.4	0.0	1.0	0.0	1.6	0.7	2.6	0.3	0.4
10	8.3	6.9	5.2	5.3	5.5	2.4	3.0	6.1	5.6	1.4	4.3	3.0	3.6	2.8	1.9	3.9	4.5	0.0	7.6	0.4
11	9.4	2.2	0.4	0.5	0.0	0.8	0.0	2.1	1.5	0.0	2.6	0.1	0.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0
12	2.5	3.4	0.4	0.6	0.0	0.0	0.0	0.1	0.0	0.2	1.4	0.7	0.0	1.4	0.0	0.2	0.0	0.0	0.0	0.0
13	11.5	11.1	9.0	7.9	4.7	3.5	5.5	7.8	6.2	5.4	9.3	2.4	3.2	7.6	3.6	4.7	3.0	0.7	4.8	2.9
14	11.8	12.8	13.1	10.5	11.1	7.4	5.3	9.2	10.3	8.3	7.7	4.6	9.4	6.0	9.2	5.9	9.3	3.9	11.0	6.4
15	11.4	12.1	12.1	10.3	10.8	10.8	11.5	11.4	11.8	11.7	11.3	10.0	9.8	6.8	11.8	8.6	10.5	9.4	11.2	10.7
16	11.2	8.6	8.9	8.7	8.9	7.8	7.8	8.4	8.8	8.8	9.6	7.7	9.3	7.9	9.7	9.9	9.9	10.9	11.2	9.7
17	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.9	0.1	0.1	0.0	0.0
18	7.5	7.6	4.8	5.0	7.3	1.8	3.6	4.6	6.5	4.3	5.1	3.7	2.5	3.5	6.0	0.0	2.0	0.9	0.9	0.0
19	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.2	0.5	3.1	2.7	3.1	0.5
20	11.5	0.6	0.0	0.0	0.1	2.3	0.0	2.6	0.2	0.4	6.0	3.1	0.0	5.8	2.3	4.7	4.1	1.5	7.7	0.0
21	7.6	8.7	7.3	7.3	8.0	0.3	1.2	5.7	5.1	4.1	2.8	3.2	0.7	1.4	2.6	1.4	0.5	1.0	1.5	0.0
22	0.0	0.8	1.4	2.3	1.5	0.9	0.0	1.9	1.4	7.3	9.3	8.1	5.5	7.0	9.7	10.6	7.2	4.8	9.8	6.7
23	0.0	1.8	0.7	0.0	0.4	0.3	0.0	1.3	0.6	1.3	1.5	1.1	1.3	2.2	1.0	2.5	0.2	0.1	0.9	0.2
24	0.0	6.7	3.6	4.1	2.9	3.1	3.9	5.4	1.6	4.1	2.3	1.4	4.5	3.8	6.1	5.8	9.7	7.7	4.0	7.2
25	0.0	0.0	0.0	0.2	0.9	0.0	0.0	0.4	0.1	1.0	0.6	0.6	1.9	1.7	1.1	0.5	0.5	0.1	0.0	2.1
26	1.0	4.8	1.9	1.7	3.8	2.5	2.4	4.0	3.2	1.7	2.7	1.0	3.1	5.3	2.3	3.9	2.9	2.5	1.6	1.1
27	3.9	10.8	8.3	6.4	3.9	6.8	3.8	7.7	7.0	9.4	8.1	8.2	6.6	10.6	8.3	11.0	3.8	3.0	2.8	8.2
28	11.4	12.1	10.7	11.4	11.7	5.4	6.9	9.0	10.6	9.5	9.3	4.0	6.2	8.7	9.6	2.4	7.8	5.8	9.9	4.0
29	10.1	11.7	11.8	11.2	9.7	11.9	11.8	11.1	9.7	11.6	10.8	11.3	11.4	11.9	11.6	11.9	11.3	11.7	11.5	12.7
30	4.7	10.6	12.8	11.4	11.7	11.6	12.3	12.4	11.8	12.2	12.5	11.7	11.3	11.2	11.8	11.1	11.1	11.8	8.3	12.7
Mittel	5.0	5.9	5.2	4.8	4.9	3.6	3.6	4.9	4.6	4.5	4.8	3.7	4.2	4.5	4.8	4.5	4.7	3.8	4.7	3.9

Tägliche Dauer des Sonnenscheins in Stunden. 1913.

Mai.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Winterthur	Plantahof	Hallau	Zürich	Haldenhaus	Davos	Arosa	St. Moritz	Säntis
1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.0	2.1	1.4	3.3	4.0	1.7	1.9	1.4
2	4.1	8.1	3.0	3.3	0.7	0.1	0.0	3.4	0.3	0.9	2.5	0.2	1.7	0.0	0.1	0.0	0.3	0.0	0.0	0.0
3	2.3	10.1	6.9	0.9	0.9	1.6	5.4	6.8	3.2	0.0	3.2	1.6	0.8	1.2	0.4	2.0	1.3	0.9	0.0	4.8
4	7.1	0.9	0.8	0.6	2.1	1.3	0.0	0.0	2.6	2.6	1.6	1.4	4.5	4.1	5.0	5.3	6.4	4.3	8.4	4.0
5	4.7	4.9	8.6	5.3	5.7	2.1	2.9	7.4	1.9	3.2	3.1	2.2	0.4	0.4	1.0	0.7	0.0	0.0	0.2	0.1
6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.1	0.0	5.2	0.0
7	11.3	9.7	10.4	7.5	9.2	6.9	8.9	11.1	8.5	1.9	7.8	6.5	2.5	4.6	6.0	6.8	1.8	0.3	1.9	0.0
8	9.1	7.7	8.0	5.8	6.2	7.1	7.5	8.6	7.3	9.5	10.3	9.5	5.8	10.4	10.3	10.5	8.8	9.3	9.0	9.7
9	11.4	12.9	13.7	10.4	12.2	9.5	10.3	12.5	12.5	9.8	11.4	11.6	9.7	11.5	10.9	11.0	5.8	7.9	11.1	9.5
10	3.8	8.4	8.7	7.0	9.9	4.0	3.8	7.3	7.1	10.2	6.1	4.9	10.6	8.5	10.2	10.2	10.4	11.8	10.0	11.1
11	0.0	5.7	3.8	1.0	0.5	3.9	3.4	2.9	2.1	0.0	1.8	1.8	0.0	0.9	0.4	0.3	0.0	0.0	0.0	0.0
12	12.3	12.1	11.8	12.4	12.0	12.3	12.8	9.8	12.4	12.2	12.1	12.0	1.3	9.8	8.7	8.8	0.6	1.6	4.3	5.6
13	1.1	4.9	6.4	5.0	6.7	5.6	6.1	7.9	10.7	11.9	9.2	12.0	11.7	13.1	11.2	11.9	3.9	3.3	3.1	9.6
14	1.0	0.5	2.3	1.0	2.8	3.0	2.8	4.3	2.3	7.4	4.2	3.5	9.8	8.9	8.5	9.4	5.3	8.6	3.7	10.2
15	0.0	0.0	0.3	0.4	0.2	0.0	0.0	0.0	0.3	1.2	0.4	0.0	1.0	0.1	0.1	0.7	0.8	1.1	1.1	2.1
16	0.0	5.2	4.8	3.1	4.3	4.8	5.1	4.4	3.5	6.8	3.5	5.7	6.4	8.0	7.5	9.1	2.9	4.5	0.0	8.2
17	0.6	5.2	5.4	3.4	4.8	6.9	6.0	8.7	3.8	5.7	7.0	5.5	6.2	4.5	3.4	1.7	5.8	7.0	4.1	5.0
18	0.4	1.6	1.7	1.2	1.5	2.1	0.0	1.5	1.0	0.9	0.9	0.5	2.5	0.4	0.1	0.8	2.4	0.0	5.2	0.2
19	0.0	9.1	0.8	0.2	2.7	1.3	2.9	3.0	0.7	0.5	5.3	3.0	0.0	4.2	1.1	2.2	0.3	0.0	1.7	0.0
20	12.6	14.1	11.2	12.0	12.6	7.7	6.3	11.5	10.7	10.1	13.4	12.0	4.8	6.3	10.3	6.9	3.0	3.4	4.4	0.7
21	12.7	12.4	14.6	12.5	11.8	13.7	13.2	13.8	13.9	14.1	14.1	13.5	12.1	13.4	13.8	12.8	10.7	13.3	12.3	13.0
22	7.8	9.4	6.9	4.1	6.0	3.1	4.0	8.0	7.8	6.7	7.3	4.3	6.1	6.3	8.3	5.8	6.3	6.7	6.7	1.5
23	12.9	11.7	9.4	8.5	6.1	2.6	3.3	7.1	5.1	1.7	3.5	2.6	3.5	4.1	0.5	1.6	0.7	4.3	9.2	0.0
24	12.7	12.9	12.4	12.2	10.0	1.8	2.5	8.6	5.1	1.5	3.9	1.0	3.0	1.8	0.5	0.9	1.6	1.9	4.3	0.8
25	12.8	13.9	14.5	8.5	13.0	14.0	12.9	13.8	12.5	12.2	10.7	13.0	12.5	12.2	13.3	13.0	11.9	13.1	12.4	10.7
26	12.7	14.1	12.9	9.7	11.4	6.8	8.3	10.7	10.9	11.8	13.3	12.3	12.6	12.4	12.6	13.5	12.0	13.6	12.5	11.0
27	9.8	11.0	11.4	9.5	9.2	10.5	10.2	10.1	10.7	11.5	10.4	10.4	8.6	10.9	11.1	9.8	9.4	9.4	10.7	7.9
28	9.0	11.9	9.1	5.3	4.7	9.6	10.0	10.7	9.0	5.5	10.3	7.6	3.3	9.1	7.4	8.0	3.0	3.1	5.5	2.4
29	12.8	13.4	14.4	12.5	12.6	11.4	11.8	13.6	13.5	14.0	13.5	12.8	12.7	13.0	13.8	13.4	11.9	13.1	12.5	14.0
30	2.8	11.3	11.2	4.0	6.7	7.3	8.2	9.2	6.9	6.8	9.8	7.8	6.8	8.8	6.7	8.1	7.0	6.3	8.4	7.2
31	8.7	10.4	9.2	7.7	9.4	7.2	7.5	10.2	9.1	8.9	7.7	8.5	10.0	9.1	9.2	8.8	9.7	10.3	8.7	9.5
Mittel	6.6	8.2	7.6	5.6	6.3	5.4	5.7	7.3	6.3	6.1	6.7	6.1	5.6	6.5	6.3	6.4	4.8	5.2	5.8	5.2

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1	8.0	0.4	3.2	3.3	1.8	0.0	0.6	3.5	4.9	6.2	3.5	5.3	8.0	10.3	10.4	5.9	5.9	9.1	5.5	5.6
2	7.5	10.5	13.1	9.2	5.0	6.5	4.5	7.7	8.1	1.0	5.2	4.8	9.7	4.1	1.7	5.2	9.8	11.7	9.5	5.4
3	9.0	6.4	6.3	7.4	10.1	7.6	8.0	8.8	7.4	9.1	7.8	6.3	8.0	11.2	9.7	10.1	6.7	7.3	5.8	10.3
4	5.9	4.2	2.1	0.5	4.7	5.3	0.0	2.2	0.3	2.1	1.6	1.0	9.2	6.1	4.1	6.6	8.6	9.2	8.9	8.7
5	8.0	3.7	4.1	2.6	5.9	0.0	6.5	5.4	4.8	7.2	9.9	7.2	10.5	0.0	7.4	8.5	9.6	11.1	6.3	9.2
6	0.9	7.0	7.1	0.8	4.5	4.8	3.4	6.5	3.2	0.0	4.3	2.6	2.2	8.8	0.0	0.1	0.8	0.2	0.7	0.0
7	12.6	12.5	13.7	7.8	12.9	6.4	5.4	8.3	8.7	10.1	8.1	5.6	0.0	7.8	9.6	9.3	0.8	0.0	1.2	0.7
8	13.2	14.5	15.3	12.2	13.0	10.3	12.5	14.0	14.0	14.8	14.5	13.3	13.1	13.7	14.1	13.3	12.1	13.6	12.4	13.2
9	12.7	6.3	6.1	2.5	9.8	1.8	1.5	5.4	1.1	0.4	5.2	1.1	3.8	2.2	0.4	0.5	2.5	2.4	10.8	0.0
10	12.8	13.6	13.9	11.7	10.5	11.5	11.3	12.2	11.7	12.4	12.3	10.0	10.6	10.7	11.9	10.1	10.1	11.4	10.8	9.4
11	11.8	14.6	10.3	5.9	12.0	3.0	3.5	10.8	9.0	3.5	8.9	4.6	3.8	6.7	5.5	1.5	6.4	6.8	8.8	1.2
12	13.2	8.2	4.8	2.9	5.5	0.4	0.9	3.3	1.4	1.9	0.4	1.1	1.8	0.6	1.5	0.1	5.9	7.4	6.1	0.0
13	12.2	13.0	12.2	7.9	12.9	3.9	5.3	13.4	4.7	2.0	3.3	3.0	8.4	2.7	1.6	2.9	10.1	10.0	12.5	0.0
14	12.6	14.3	15.5	12.5	13.0	13.6	12.9	12.8	13.2	10.7	11.3	11.2	11.9	11.5	13.0	11.9	11.9	10.1	12.1	11.4
15	5.6	11.8	12.1	10.1	7.1	9.6	9.4	12.8	13.6	14.1	14.4	13.3	12.9	13.5	14.0	13.4	9.3	9.6	9.8	11.8
16	6.7	11.3	11.3	8.6	8.7	7.2	6.2	11.5	11.3	14.1	13.9	13.5	10.7	12.2	13.2	13.4	10.2	9.8	7.2	11.9
17	10.6	9.6	12.6	7.4	8.1	5.3	5.7	7.0	8.6	11.5	11.2	10.3	13.2	11.7	12.3	11.4	12.0	13.6	11.2	11.0
18	7.9	12.6	13.5	9.0	8.9	8.6	9.6	13.3	11.8	11.1	10.0	9.6	10.2	9.5	12.7	12.5	7.3	8.0	5.6	7.7
19	3.7	2.6	3.5	2.9	4.5	1.6	2.5	4.6	4.1	3.3	6.3	4.5	2.2	5.7	3.4	3.3	1.5	1.0	1.4	1.3
20	0.0	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	0.0	0.0
21	12.1	6.3	3.2	1.7	8.5	1.5	1.4	3.8	2.4	0.0	1.4	1.2	3.3	3.0	1.1	3.5	0.3	0.2	3.2	0.0
22	10.8	6.9	2.2	0.0	0.2	0.1	0.0	0.3	0.6	0.0	0.2	0.0	1.7	0.0	0.0	0.1	0.2	0.2	1.0	0.0
23	12.8	13.0	13.6	10.2	11.3	10.9	12.2	12.3	11.5	12.8	11.2	11.1	10.2	12.0	10.2	8.7	9.3	7.9	11.9	6.7
24	6.1	6.9	7.2	3.8	3.0	3.1	4.0	5.2	4.5	3.1	8.0	3.6	2.1	6.0	0.0	3.1	2.0	1.6	1.1	1.4
25	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.8	0.0
26	12.9	7.2	7.2	2.0	9.3	1.2	1.5	4.9	2.2	0.5	2.3	1.5	0.1	1.1	1.1	1.8	0.0	0.0	0.2	0.0
27	9.7	7.7	5.8	2.4	7.4	0.0	1.6	4.2	1.9	0.6	3.2	2.0	0.3	1.0	0.6	0.5	0.0	0.1	0.0	0.0
28	10.1	10.4	9.7	4.1	0.8	2.6	1.0	3.9	2.5	1.9	2.9	0.7	1.1	0.7	1.2	0.3	0.1	0.0	4.5	0.0
29	11.2	7.9	2.8	1.7	0.6	0.0	0.0	0.5	0.1	0.0	0.2	0.0	0.0	0.1	0.0	1.3	0.0	0.0	0.2	0.0
30	13.2	14.1	15.1	12.4	8.4	6.3	7.3	12.8	13.5	5.8	10.9	9.1	6.6	8.5	5.1	5.7	4.3	2.8	7.4	0.0
Mittel	9.2	8.6	8.2	5.5	7.0	4.4	4.6	7.1	6.0	5.4	6.4	5.3	5.9	6.0	5.5	5.5	5.3	5.5	5.9	4.2

Tägliche Dauer des Sonnenscheins in Stunden.

1913.

Juli.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haidenhaus	Davos	Arosa	St. Moritz	Säntis
1	13.4	14.2	15.3	11.9	12.6	12.2	11.0	14.0	13.9	13.9	13.8	12.1	9.7	9.9	12.8	10.2	5.4	2.6	12.5	8.4
2	11.9	12.4	12.3	10.7	5.7	9.9	10.1	10.5	8.6	7.3	6.8	5.6	4.7	5.6	6.7	4.4	5.3	6.6	7.5	7.2
3	5.9	2.2	5.4	1.7	8.5	0.2	0.0	4.6	1.3	0.5	3.3	2.1	4.0	2.6	1.5	1.1	0.8	1.3	0.5	0.0
4	8.5	12.4	7.7	5.1	8.6	2.1	2.6	5.1	5.6	3.9	8.2	4.7	3.5	2.9	4.7	2.2	0.6	0.8	2.9	1.4
5	10.7	2.6	1.1	0.0	1.8	2.7	0.0	0.0	0.1	1.0	1.5	0.6	5.0	1.7	2.2	2.2	3.3	3.3	4.9	0.4
6	0.0	2.7	0.7	0.1	1.9	0.0	1.4	0.9	1.1	0.5	0.6	0.6	0.1	0.8	0.8	0.1	0.6	0.2	0.0	0.0
7	1.8	6.6	5.2	0.2	7.4	0.0	4.2	4.7	3.9	0.0	3.8	2.8	0.3	4.8	0.3	2.3	0.7	0.0	0.6	0.0
8	1.8	4.0	5.5	1.5	0.4	1.2	1.0	6.5	2.6	0.1	3.4	2.7	0.0	0.6	0.0	0.5	0.0	0.0	6.0	0.0
9	10.5	3.9	2.6	3.5	8.3	1.2	0.0	2.0	1.3	3.8	2.7	2.1	5.5	2.6	3.2	2.9	2.2	1.4	0.1	0.1
10	11.7	0.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.5	0.0	0.3	0.2	1.4	1.1	0.0	2.8
11	12.9	5.2	0.0	0.8	0.0	2.3	2.4	4.6	0.9	0.0	0.3	0.1	0.5	0.2	0.2	0.2	0.0	0.4	0.6	0.0
12	0.0	14.1	13.4	10.0	11.2	5.4	5.7	12.7	10.8	8.2	11.9	6.2	1.4	3.9	5.0	0.2	3.0	0.8	5.0	2.1
13	13.0	14.0	15.0	12.0	12.8	12.9	13.3	13.3	13.6	13.8	14.0	12.5	12.7	13.3	13.8	12.6	12.0	13.4	12.4	13.3
14	11.3	7.5	10.9	7.4	9.8	9.3	9.2	10.0	10.8	12.1	10.7	9.5	12.1	9.9	10.4	10.8	11.5	13.1	11.8	11.4
15	7.3	0.0	0.0	0.0	4.5	0.0	0.0	0.2	0.1	0.7	0.0	0.0	0.6	0.5	0.0	0.2	0.2	0.2	0.4	0.1
16	6.7	2.4	3.2	0.0	4.3	1.5	1.6	4.2	2.9	1.9	3.4	3.3	0.7	2.1	1.3	1.1	0.1	0.0	0.3	0.0
17	7.2	4.6	3.2	0.3	3.4	1.6	1.1	2.0	1.2	0.0	2.2	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.5	0.0
18	9.2	7.3	8.9	7.5	6.8	1.8	1.1	3.9	2.8	5.4	1.2	1.1	3.2	1.1	4.1	2.6	1.0	0.6	7.8	2.6
19	11.0	9.1	4.9	2.2	6.9	0.3	0.0	3.5	3.6	2.4	0.3	0.3	1.5	0.1	0.2	0.3	0.5	0.1	1.9	0.0
20	11.7	4.6	2.9	1.1	3.2	0.0	1.4	7.8	1.1	0.0	1.7	0.5	0.9	1.1	0.8	1.4	1.5	0.5	5.7	0.0
21	12.6	13.7	14.6	11.5	11.2	10.4	9.4	13.0	12.5	9.8	6.5	6.1	9.8	7.1	7.8	6.3	7.5	6.6	10.1	3.4
22	10.2	13.6	12.7	6.2	8.9	5.7	5.4	7.0	7.6	5.2	7.5	5.4	6.3	4.9	3.4	5.3	6.4	5.1	4.9	3.8
23	6.1	1.7	0.1	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.0	0.6	0.1	0.2	0.0	0.3	0.8	0.9	0.0
24	9.7	4.2	0.0	0.2	3.0	0.0	0.0	0.2	0.1	0.2	0.5	0.0	1.2	0.1	0.3	0.1	0.1	0.6	2.0	0.0
25	12.5	8.9	12.7	11.3	10.6	11.7	10.7	12.5	10.5	9.5	8.4	7.7	8.0	8.0	10.0	9.8	8.5	6.5	9.6	8.0
26	4.8	10.5	11.5	7.8	8.4	8.6	8.2	9.2	11.8	12.5	13.2	9.2	9.6	11.4	12.0	10.5	8.2	6.7	6.3	8.8
27	9.0	8.2	7.7	5.7	5.5	10.9	11.6	7.3	9.5	8.3	12.6	11.1	5.2	9.4	10.5	10.5	6.3	5.0	5.7	8.1
28	9.0	9.8	12.6	8.6	6.4	11.9	11.2	9.6	11.6	6.7	11.0	9.7	5.6	9.0	11.4	12.6	4.0	3.0	6.9	5.1
29	12.2	13.3	13.8	11.9	8.5	12.6	11.8	12.0	12.4	12.8	12.7	12.0	10.6	10.9	12.5	11.3	9.7	11.0	10.1	6.4
30	10.1	8.3	9.3	8.2	9.3	8.0	9.1	9.0	9.3	12.3	8.8	10.2	11.1	11.9	11.0	10.3	11.2	12.1	11.7	12.7
31	5.9	0.0	0.8	0.0	0.0	2.4	2.6	4.0	4.5	9.1	7.3	7.4	7.7	13.1	12.9	12.6	10.3	6.6	8.8	8.5
Mittel	8.7	7.2	7.2	4.9	6.1	4.7	4.7	6.3	5.7	5.2	5.8	4.7	4.6	4.8	5.2	4.7	4.0	3.6	5.1	3.7

August.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haidenhaus	Davos	Arosa	St. Moritz	Säntis
1	12.1	12.6	14.6	11.0	11.4	13.3	12.9	13.2	13.0	10.4	12.7	12.5	11.8	12.9	13.7	12.9	11.1	11.4	12.2	11.0
2	12.3	13.5	14.5	11.2	11.6	13.6	13.3	13.2	13.5	13.6	13.2	10.9	12.4	11.7	12.5	13.0	11.9	13.1	12.2	8.8
3	11.8	11.8	11.5	9.7	9.5	10.8	12.5	12.6	12.9	9.0	8.1	8.6	11.6	13.1	13.5	13.0	11.3	12.3	10.7	8.0
4	11.0	14.3	12.3	10.6	11.0	9.9	8.5	10.2	11.3	12.7	13.4	12.6	10.6	12.4	13.2	12.9	11.7	13.0	11.0	11.2
5	8.2	11.5	13.3	9.5	10.8	12.5	12.3	12.4	11.9	11.3	12.4	12.1	9.6	13.0	11.3	12.4	10.7	11.1	8.2	6.2
6	0.5	0.0	0.9	0.1	0.0	0.0	0.0	2.0	2.0	3.0	1.2	1.4	2.6	0.9	2.0	0.7	2.5	1.8	0.8	0.3
7	10.1	11.5	8.1	6.9	8.2	7.8	2.8	8.4	3.9	0.6	12.0	6.9	0.4	5.3	2.3	2.6	0.2	5.6	5.1	0.0
8	7.7	11.5	9.4	5.8	7.3	7.3	5.3	9.0	6.3	4.8	8.8	8.4	5.1	8.8	8.4	8.0	8.2	0.0	8.0	1.4
9	3.6	1.4	0.7	0.5	4.9	0.9	0.0	0.6	1.1	1.0	2.2	1.2	0.0	0.5	0.4	0.6	0.2	0.1	0.0	0.0
10	12.3	9.5	3.6	4.2	10.0	3.5	1.9	4.2	5.8	3.7	4.2	2.6	3.6	5.0	1.3	3.5	2.5	1.1	3.6	0.1
11	3.1	8.4	7.1	8.1	9.9	5.3	5.2	9.3	9.8	8.9	3.1	5.2	8.7	7.0	10.5	8.7	8.9	7.6	1.4	1.6
12	0.0	1.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0
13	7.0	4.7	1.9	0.5	0.2	0.7	0.0	3.0	1.1	0.1	0.5	4.0	0.1	0.5	0.5	3.5	0.1	0.0	0.2	0.0
14	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
15	12.3	8.8	8.6	9.2	8.9	10.2	8.8	9.1	7.1	2.6	5.5	0.0	3.3	4.5	3.5	0.0	2.4	0.7	1.9	0.2
16	11.6	12.7	13.4	9.7	10.7	11.8	10.2	12.2	11.5	11.4	12.0	8.4	3.6	7.5	9.0	3.4	1.5	1.1	6.1	2.9
17	11.0	13.1	13.1	10.3	11.5	12.3	8.7	12.0	12.4	12.4	12.1	11.2	11.0	12.3	12.5	12.0	11.4	12.3	11.5	12.9
18	4.5	7.9	5.2	5.4	6.6	2.6	4.0	2.7	3.9	7.9	3.8	3.9	7.6	6.2	6.7	6.9	9.6	9.1	8.3	7.1
19	4.8	0.5	1.4	0.1	0.3	2.1	1.3	1.7	2.1	2.9	1.0	2.9	4.6	4.7	5.7	6.3	5.3	4.7	2.9	4.8
20	3.6	1.9	2.1	0.8	0.3	0.0	0.0	0.6	1.6	1.1	0.0	0.1	0.0	0.0	0.4	0.3	0.0	1.1	0.1	0.0
21	11.9	11.2	12.2	7.7	9.9	8.5	5.2	7.9	9.5	5.4	5.5	4.0	2.9	2.4	5.0	4.4	3.0	0.0	3.9	0.8
22	11.6	12.6	12.3	10.4	10.0	11.9	11.0	11.2	11.9	12.0	11.4	10.4	10.2	12.0	11.7	10.9	10.1	9.8	11.1	7.1
23	9.2	12.5	12.9	10.5	11.4	12.4	12.4	12.0	12.2	11.9	12.4	11.5	10.9	12.5	12.4	11.9	11.4	12.1	11.2	12.4
24	5.9	9.2	7.3	6.2	5.7	4.7	5.2	4.4	6.3	9.3	7.7	6.5	8.8	8.6	8.3	8.6	11.1	9.0	8.4	8.8
25	0.0	9.8	8.1	7.0	8.6	9.6	8.1	10.9	7.9	5.1	11.9	8.9	8.7	11.0	8.2	9.1	8.0	7.9	8.3	0.4
26	0.0	11.8	10.7	8.0	10.3	11.2	11.5	11.1	10.6	8.3	12.0	11.3	10.7	12.5	12.0	12.0	11.3	11.8	10.5	10.9
27	0.0	9.9	8.7	6.4	7.4	8.6	8.3	8.2	8.1	8.0	7.9	6.0	8.2	11.3	9.9	10.2	10.6	9.0	10.2	10.1
28	6.6	11.0	8.0	5.6	7.9	11.1	11.3	10.6	7.9	9.1	10.6	9.9	10.5	11.3	10.8	11.2	11.0	11.4	9.5	11.3
29	6.2	7.5	8.1	5.9	7.5	5.2	5.8	6.5	7.2	7.7	8.2	7.1	8.6	8.2	9.0	8.1	9.9	8.1	7.9	9.7
30	5.0	9.1	7.5	3.4	7.9	5.7	5.6	7.8	4.2	3.1	5.2	2.4	5.4	3.3	3.7	2.9	6.2	4.3	3.0	3.9
31	11.2	12.3	10.5	7.1	9.4	5.4	6.0	6.8	8.2	8.0	10.0	7.4	10.0	8.5	9.2	7.7	7.7	6.1	7.4	3.1
Mittel	7.3	8.8	8.0	6.2	7.4	7.1	6.4	7.5	7.3	6.6	7.4	6.4	6.5	7.4	7.3	7.0	6.8	6.3	6.3	5.0

1913. **Tägliche Dauer des Sonnenscheins in Stunden.**

September.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haidenhaus	Davos	Arosa	St. Moritz	Säntis
1	2.4	7.3	8.8	4.7	7.5	5.5	4.9	6.0	8.1	7.6	6.2	5.7	2.6	7.3	7.2	8.0	1.6	0.7	2.7	6.2
2	10.8	10.1	9.5	6.4	8.1	8.8	7.8	7.8	9.8	10.5	8.5	6.1	8.0	5.4	5.6	3.2	8.7	9.8	8.6	7.0
3	10.8	11.2	10.3	7.4	10.4	8.0	8.7	8.3	9.3	9.1	9.9	8.2	7.8	9.7	10.0	10.0	7.8	8.3	9.0	9.2
4	4.8	7.1	8.0	5.9	6.5	5.0	5.9	6.5	8.1	6.8	3.8	3.6	7.2	8.1	5.7	5.3	8.3	7.2	7.1	6.0
5	0.7	2.5	1.3	0.3	1.5	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.0
6	10.5	10.5	7.6	7.5	9.1	5.5	7.4	7.7	5.1	4.7	9.5	4.7	3.9	4.5	6.2	4.6	3.9	3.6	7.1	1.1
7	3.2	4.8	4.0	3.1	3.8	6.6	7.6	0.4	0.9	0.0	0.3	1.7	8.0	0.6	0.1	1.5	7.7	6.4	4.7	9.3
8	1.6	2.4	3.4	2.3	3.5	3.7	3.9	0.4	1.9	0.0	4.0	4.7	4.4	4.0	1.2	0.0	3.0	1.8	2.7	4.5
9	1.0	7.6	4.7	3.9	0.7	5.5	5.3	3.1	5.1	4.7	10.7	7.1	7.1	7.0	5.3	5.8	7.4	7.5	4.6	8.3
10	0.0	2.8	1.9	1.4	0.0	0.1	0.0	0.8	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	11.6	10.6	12.4	9.1	10.0	10.9	11.0	8.1	10.0	4.3	8.5	8.8	9.6	9.5	8.3	8.8	10.3	9.7	10.2	10.8
12	2.6	10.0	7.6	7.3	9.6	8.5	7.9	10.1	7.5	7.3	9.1	9.3	9.5	11.4	6.6	6.6	10.2	10.7	8.8	10.9
13	0.0	3.7	4.4	1.4	2.7	0.0	0.0	0.9	0.7	2.0	0.8	0.6	7.5	2.1	5.4	5.0	4.5	5.4	0.5	6.7
14	0.0	3.4	5.5	4.3	6.2	3.3	3.5	4.8	6.7	6.9	5.2	5.4	6.1	5.4	6.9	7.4	4.2	4.6	1.5	8.9
15	2.7	8.3	6.7	0.3	1.2	3.5	3.5	3.8	0.8	0.6	2.8	0.2	1.4	0.4	0.1	0.7	3.8	2.6	0.0	0.1
16	0.0	1.3	1.5	1.2	3.7	0.8	1.6	0.6	4.7	3.7	5.9	5.4	7.9	7.6	3.6	7.2	8.1	8.1	6.3	8.2
17	5.2	7.7	7.4	1.5	5.6	5.7	5.5	7.9	6.8	2.0	6.7	5.8	4.3	6.4	4.5	3.1	6.5	5.1	5.8	0.0
18	0.0	5.8	4.0	4.0	0.7	1.7	1.3	4.1	2.8	0.8	3.8	2.1	2.5	0.2	0.2	1.4	1.4	1.1	0.9	2.2
19	0.0	8.9	10.5	7.8	2.5	9.1	10.2	8.5	6.1	2.0	7.8	5.2	0.0	6.4	6.0	1.4	0.0	0.1	0.0	0.1
20	5.9	2.9	1.1	2.0	3.5	2.9	3.2	3.8	4.3	5.5	4.8	3.3	1.3	4.4	5.6	4.9	1.8	1.7	5.0	1.0
21	11.0	3.6	3.2	1.5	3.0	1.0	0.0	0.0	0.6	0.1	4.9	1.3	2.6	3.4	1.3	2.1	2.8	0.8	4.8	0.0
22	10.5	9.7	9.4	7.0	8.3	3.2	3.5	6.3	7.4	3.4	4.7	3.3	0.2	2.3	2.0	1.3	0.1	0.0	0.6	0.9
23	9.0	8.6	5.9	2.0	0.3	2.2	1.6	0.9	0.7	0.0	0.7	0.2	0.9	0.0	0.0	0.0	0.3	0.9	2.5	0.0
24	9.8	4.2	10.9	7.9	9.1	9.9	10.5	5.0	6.5	3.6	10.0	9.0	9.0	10.5	8.1	9.3	9.4	10.4	8.2	10.5
25	4.9	8.8	10.1	8.7	9.1	9.9	10.5	4.0	7.7	5.5	10.0	8.2	8.8	4.0	4.5	2.4	9.6	10.0	10.6	10.1
26	3.3	2.0	9.4	3.9	8.2	8.8	9.7	0.5	2.0	0.0	5.1	3.2	7.1	6.0	1.9	3.9	9.7	10.2	9.6	10.5
27	0.0	5.6	5.9	6.3	7.4	4.7	4.5	0.0	0.1	0.0	7.4	5.5	4.0	0.1	0.2	0.0	8.1	8.2	8.4	10.3
28	0.2	0.8	1.3	2.3	3.0	5.2	4.8	2.2	3.0	5.2	8.4	7.1	7.4	2.9	4.9	5.4	4.9	6.6	0.0	8.3
29	1.5	4.0	7.0	5.9	6.9	7.8	7.1	4.8	6.5	4.4	9.4	8.0	7.8	4.2	3.0	4.7	3.4	2.9	1.1	7.8
30	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.1	1.4	0.1	1.0	2.7	3.0	1.0	3.7	2.5	2.3	1.2	6.8
Mittel	4.1	5.9	6.1	4.3	5.2	4.9	5.0	3.9	4.5	3.5	5.7	4.5	5.0	4.6	3.8	3.9	5.0	4.9	4.4	5.5

Oktober.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haidenhaus	Davos	Arosa	St. Moritz	Säntis
1	0.0	4.0	5.7	3.4	4.5	4.1	5.4	0.7	4.1	0.7	2.7	2.5	7.4	3.1	0.0	2.7	5.0	6.1	5.2	8.6
2	2.6	4.8	3.0	4.4	5.9	6.2	6.8	5.5	7.8	6.3	8.3	7.2	6.8	7.2	7.6	6.1	2.7	6.2	4.6	9.8
3	5.5	5.9	6.4	2.9	4.7	3.5	3.6	5.6	4.2	4.0	4.0	3.4	7.3	5.1	2.6	5.4	6.8	7.7	6.4	6.1
4	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	1.0
5	0.0	0.3	0.3	0.1	0.4	0.0	0.0	0.1	1.3	0.7	0.3	0.0	0.3	0.7	1.3	0.5	0.4	0.5	0.0	0.0
6	0.2	1.7	0.2	0.0	0.2	0.0	0.0	0.4	0.0	0.4	1.3	0.6	1.7	2.3	0.8	2.1	0.7	0.3	0.5	0.5
7	0.1	0.6	0.2	0.5	3.4	0.1	0.0	0.0	1.3	1.5	0.3	0.1	0.7	2.8	1.5	2.0	0.4	0.0	1.0	0.1
8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.0	0.3	0.5	1.9	0.6	0.2	3.1
9	10.2	9.2	9.3	6.9	7.7	2.8	3.7	4.0	7.3	7.0	5.3	3.6	8.4	7.7	6.9	5.7	8.3	8.5	7.5	1.0
10	9.4	8.7	9.7	8.0	7.4	9.1	9.7	7.0	8.3	8.1	7.4	8.1	7.9	9.1	7.4	9.3	7.9	8.3	8.8	8.8
11	8.4	3.9	0.5	2.0	4.0	2.3	3.0	1.0	0.3	0.1	5.4	2.6	7.9	0.0	0.0	0.0	7.9	8.7	9.1	6.0
12	4.7	9.1	9.6	6.9	6.0	7.4	8.3	9.4	6.6	5.9	7.3	6.1	6.4	8.0	8.4	5.6	6.1	7.1	8.6	0.0
13	9.7	9.0	10.7	8.8	8.4	7.3	5.9	9.6	9.1	5.7	5.2	2.7	1.5	3.9	4.6	0.2	1.6	1.1	6.8	0.5
14	0.0	7.7	5.7	3.4	7.5	8.8	9.2	8.9	9.3	2.1	7.5	8.1	6.8	9.8	6.2	8.6	7.9	8.3	9.1	9.9
15	2.7	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.3	0.0	2.4	0.0
16	9.5	6.9	9.9	7.4	7.9	6.7	6.3	6.3	4.7	1.9	0.0	0.1	7.4	0.5	3.4	1.5	7.6	8.2	9.0	8.8
17	9.0	4.8	5.2	7.9	8.0	8.4	4.4	0.0	1.0	0.0	0.8	0.0	7.7	0.0	0.0	0.0	7.7	8.2	8.9	9.5
18	9.2	2.3	4.4	5.2	7.9	9.8	10.2	3.6	3.2	4.0	9.6	8.1	7.5	2.9	5.4	5.2	7.6	8.2	8.9	9.6
19	9.2	2.6	4.8	5.7	7.0	9.5	11.0	0.0	2.5	4.3	7.8	7.4	7.6	0.0	3.5	4.7	7.5	8.1	8.8	9.5
20	9.1	1.5	4.4	8.0	7.9	9.3	9.8	2.1	5.4	6.0	8.9	7.9	7.5	3.8	5.4	7.2	7.4	8.4	9.0	9.5
21	8.4	2.8	5.1	4.5	6.9	7.6	8.5	0.7	8.2	3.7	7.5	7.0	6.8	1.4	3.8	3.8	5.6	6.6	8.6	7.1
22	0.0	4.3	4.5	2.3	4.1	1.7	3.3	4.7	4.7	4.3	3.9	2.8	5.1	2.1	2.4	0.6	2.2	2.3	0.2	1.0
23	5.9	3.7	1.2	2.9	5.0	4.2	4.5	5.4	4.4	4.2	5.0	4.5	7.1	4.0	4.7	5.1	7.1	7.6	7.1	7.8
24	1.2	7.3	7.0	2.4	3.2	2.2	1.8	3.8	2.3	4.0	4.0	4.5	0.2	1.6	4.3	1.2	0.6	0.9	4.9	1.0
25	8.8	7.1	9.8	7.8	7.7	9.1	9.2	3.6	7.9	6.9	8.7	7.9	7.4	5.3	6.5	8.9	7.1	8.1	8.6	9.1
26	0.7	2.5	1.5	2.6	2.4	0.4	0.0	0.0	1.5	1.4	0.0	0.0	0.2	0.4	0.9	1.1	0.1	0.5	1.0	0.0
27	0.0	6.6	5.1	2.3	5.6	6.3	6.7	3.9	5.1	5.4	8.5	7.6	4.2	8.5	8.1	6.8	3.5	3.1	0.0	8.7
28	0.0	3.6	2.1	0.2	1.9	2.1	0.0	0.0	0.1	0.9	0.6	0.3	0.0	0.2	0.1	1.6	1.9	0.1	0.0	0.1
29	0.0	2.8	0.7	1.4	1.1	3.1	3.2	3.4	1.8	2.4	4.4	3.8	5.6	2.8	1.8	2.6	5.1	1.9	1.4	2.2
30	0.0	5.6	2.6	0.1	1.1	0.3	0.0	0.5	0.0	0.0	0.4	0.0	1.0	0.0	0.0	0.0	0.6	0.6	1.3	1.9
31	5.7	7.2	7.2	7.4	6.7	7.7	7.2	4.4	5.4	8.2	7.4	6.8	6.8	2.3	6.9	8.0	6.8	6.9	6.6	8.0
Mittel	6.2	4.4	4.4	3.7	4.8	4.5	4.6	3.1	3.8	3.2	4.3	3.7	4.7	3.1	3.4	3.5	4.4	4.6	5.0	4.8

Tägliche Dauer des Sonnenscheins in Stunden. 1913.

November.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haidenhaus	Davos	Arosa	St. Moritz	Säntis
1	2.0	2.2	3.0	2.1	3.0	0.1	0.0	0.2	1.3	1.7	0.6	0.0	3.1	0.2	0.6	1.4	4.8	5.0	4.5	4.6
2	5.2	8.0	6.5	7.0	5.9	7.3	6.9	5.4	2.1	7.4	7.5	6.4	4.7	4.3	1.4	3.1	4.8	5.4	5.7	5.1
3	1.3	4.7	3.3	3.1	3.1	0.5	1.4	2.0	2.3	2.8	1.5	0.7	0.3	1.2	2.8	1.8	2.1	1.4	1.3	1.4
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
5	0.5	0.0	1.3	2.8	2.8	0.8	0.0	1.2	1.3	0.4	2.0	1.2	5.4	0.7	0.7	0.5	5.6	6.4	6.0	0.6
6	3.1	5.4	4.5	3.1	3.7	0.6	0.0	1.9	1.1	0.3	1.1	0.5	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0
7	5.6	0.5	0.4	1.7	3.6	0.0	0.0	1.0	1.6	2.9	0.4	0.5	0.6	0.3	0.6	0.4	1.2	1.4	2.1	0.5
8	8.3	2.7	2.3	2.1	2.1	1.0	0.0	0.0	0.6	2.3	2.3	1.9	5.1	1.0	1.1	0.1	4.3	4.7	5.4	0.4
9	8.0	6.6	5.1	3.3	4.8	1.7	3.1	1.5	3.3	1.8	1.5	1.2	0.4	0.6	1.1	0.2	2.5	3.1	3.3	0.0
10	1.1	5.6	3.4	1.4	1.4	2.2	2.1	1.5	1.4	1.0	2.7	2.2	0.8	3.3	1.9	2.3	1.9	1.8	0.5	1.4
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	6.2	5.6	3.7	2.0	3.5	1.3	2.2	3.5	3.9	5.4	1.2	1.2	2.0	0.1	3.5	0.2	4.6	2.6	4.4	2.0
15	7.8	2.0	0.5	0.3	0.0	0.1	0.0	0.0	0.9	1.3	0.8	0.3	0.0	0.3	0.3	0.1	0.2	0.1	1.4	0.0
16	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	7.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
18	7.6	5.6	4.9	3.2	6.2	3.1	3.3	4.4	2.3	1.6	2.0	1.0	5.8	0.2	0.3	0.0	0.7	5.9	5.6	1.9
19	7.4	5.1	3.8	1.2	2.4	0.0	0.0	0.5	0.5	0.2	0.1	0.0	0.1	1.0	0.1	0.0	1.6	2.7	4.7	0.0
20	7.5	2.1	4.3	7.2	6.4	7.7	7.8	1.7	0.3	3.8	8.0	6.4	6.1	0.0	2.7	0.0	5.9	7.1	6.5	8.6
21	6.8	4.2	3.8	0.9	2.1	5.1	5.9	0.0	0.0	1.5	6.3	5.1	5.1	0.0	0.8	1.5	5.7	6.6	6.2	7.0
22	0.0	0.2	1.3	0.3	0.7	0.4	0.0	0.0	0.3	0.8	2.6	2.1	0.2	2.4	4.2	3.0	4.0	3.2	1.7	4.4
23	0.0	2.0	2.0	0.0	0.0	3.7	4.8	0.4	0.0	0.0	0.0	0.0	4.9	3.0	0.5	2.5	5.8	5.7	4.1	2.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.2	0.0	0.0	0.0
25	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	5.6	0.0	0.9	1.6	3.3	0.5	0.0	0.9	0.1	0.8	0.8	0.0	1.8	0.0	0.7	0.0	5.8	6.5	5.3	6.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	7.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.5	3.0	4.2	1.6	3.5	5.4	6.2	5.4	2.9	0.0	3.1	2.1	0.0	1.1	1.9	1.2	1.6	1.0	0.0	5.0
30	7.3	1.5	8.3	6.7	6.2	7.2	8.2	0.0	0.0	0.0	6.8	6.6	4.7	1.2	4.8	4.6	5.2	6.6	5.9	7.3
Mittel	3.8	2.3	2.3	1.7	2.2	1.6	1.7	1.1	0.9	1.2	1.7	1.3	1.8	0.7	1.0	0.8	2.3	2.6	2.5	2.0

Dezember.

Tag	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Wintersingen	Plantahof	Hallau	Zürich	Haidenhaus	Davos	Arosa	St. Moritz	Säntis
1	7.1	0.0	2.3	6.6	6.3	7.7	8.1	0.0	6.6	3.7	5.2	6.4	5.7	3.6	4.3	7.3	5.7	6.6	8.9	8.0
2	6.6	0.0	0.8	5.0	6.0	0.0	0.0	0.0	4.9	1.0	1.3	0.0	0.0	0.2	0.2	0.0	0.0	0.1	2.7	0.0
3	6.5	0.0	3.0	6.7	6.1	5.3	8.0	2.1	0.0	4.3	4.0	6.1	3.2	3.6	5.2	7.3	4.5	4.8	3.9	6.8
4	0.0	0.6	1.2	0.4	0.0	0.8	0.0	1.8	0.5	2.6	1.3	1.0	3.8	1.4	3.3	1.1	3.8	3.7	1.7	6.1
5	6.7	1.8	1.0	0.0	3.4	0.0	0.0	1.8	2.8	2.9	1.4	0.9	0.1	0.2	0.3	0.0	1.2	0.0	1.5	0.0
6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	4.7	0.0	1.5	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	1.4	0.0	0.0	0.0
8	6.9	7.5	8.2	6.5	5.7	5.9	6.8	7.4	6.2	5.1	6.4	3.5	5.6	5.4	6.6	5.7	5.5	5.6	5.6	7.7
9	6.4	6.9	7.2	6.4	4.5	2.5	4.0	1.3	3.6	5.5	4.5	5.2	3.0	4.1	3.8	4.3	1.2	2.4	4.0	0.0
10	7.3	0.8	0.2	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
11	6.3	3.9	2.5	1.8	4.5	0.0	0.0	1.7	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.2	0.0
12	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	5.5	6.6
13	2.8	4.1	0.1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	2.8	2.7	1.1	0.0
14	6.4	6.2	6.2	3.5	3.8	1.2	0.0	0.3	0.1	0.9	0.1	0.0	1.5	0.1	0.6	0.0	1.5	1.2	3.5	0.4
15	6.8	3.7	1.9	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
16	4.3	6.2	7.5	6.4	4.9	6.4	7.9	2.8	4.6	6.8	0.0	0.0	4.4	2.5	6.0	6.7	3.0	3.9	3.9	0.3
17	6.6	0.0	0.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	1.2	2.4	3.8	0.0
18	5.0	0.0	5.3	2.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5
19	0.0	0.0	7.1	2.7	4.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.2	0.0	5.3	5.8	3.5	7.7
20	5.1	0.0	5.4	0.0	6.1	5.6	5.9	0.0	0.0	0.0	5.5	3.0	5.0	0.0	1.1	1.0	0.3	5.8	5.5	7.9
21	6.7	0.0	0.0	0.0	5.5	6.7	7.9	0.0	0.0	0.0	6.9	3.9	2.2	4.8	0.0	0.0	5.3	5.8	5.4	8.1
22	6.8	0.0	0.0	3.8	6.1	6.5	7.8	0.0	0.0	0.0	6.7	2.6	4.9	0.0	0.0	0.0	5.3	5.8	5.4	6.7
23	6.7	0.0	0.1	4.1	5.5	7.2	7.9	0.0	4.1	1.6	6.9	4.1	4.2	0.0	2.3	0.0	5.4	5.8	5.5	7.8
24	5.8	2.1	2.4	4.6	5.8	3.6	4.8	0.0	4.9	3.2	5.2	5.1	4.2	1.8	6.6	5.8	5.3	5.8	5.4	7.3
25	6.8	6.0	7.0	2.9	4.9	0.0	0.0	4.2	6.2	0.0	2.2	0.0	1.5	0.5	0.4	0.0	0.6	0.0	2.7	0.0
26	6.0	6.7	7.3	5.1	5.0	0.1	0.0	2.2	3.1	6.1	0.4	0.0	3.3	0.0	1.7	0.0	3.9	4.7	3.7	0.0
27	0.6	3.9	4.8	2.6	3.7	0.0	2.3	1.3	0.0	4.8	1.7	1.2	2.4	2.1	1.9	0.0	3.1	2.9	1.8	1.8
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.5
29	0.2	2.9	1.0	0.2	0.8	0.0	0.0	1.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	6.5	2.6	7.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0	5.0	*4.0	5.5	0.0
Mittel	5.0	2.2	3.0	2.3	3.2	2.1	2.3	1.0	1.7	1.6	2.0	1.4	2.0	1.0	1.4	1.3	2.4	2.7	2.8	2.7

Täglicher Gang der Sonnenscheindauer.

1913.

Lugano.

	4–5ª	5–6ª	6–7ª	7–8ª	8–9ª	9–10ª	10–11ª	11–12ª	12ª–1ᵖ	1–2ᵖ	2–3ᵖ	3–4ᵖ	4–5ᵖ	5–6ᵖ	6–7ᵖ	7–8ᵖ	Monats-Summe
Januar	—	—	—	—	0.4	11.6	15.0	15.7	16.6	17.1	14.6	12.6	1.6	—	—	—	105.2
Februar	—	—	—	3.1	14.8	16.5	17.2	20.7	20.6	19.6	20.1	18.3	10.0	0.1	—	—	161.0
März	—	—	0.4	7.8	11.9	13.1	15.2	16.7	15.8	15.4	14.4	13.2	10.2	2.4	—	—	136.5
April	—	—	8.1	12.6	14.1	13.6	13.8	14.5	14.0	13.4	13.1	12.7	10.8	8.1	0.9	—	149.7
Mai	—	—	13.0	16.9	18.5	19.2	18.7	17.6	16.1	16.5	16.0	16.2	14.4	13.0	9.6	—	205.7
Juni	—	1.9	14.3	17.8	20.7	23.9	24.3	24.7	23.5	23.8	23.6	22.9	21.2	18.5	14.9	0.8	276.8
Juli	—	0.5	15.4	18.9	20.7	21.7	23.3	23.8	24.7	24.8	24.5	20.3	20.0	17.7	12.1	0.2	268.6
August	—	0.1	9.2	14.4	18.8	20.3	21.0	22.1	22.7	20.2	20.5	17.6	18.3	16.1	4.8	—	226.1
September	—	—	4.1	8.7	10.1	11.1	11.8	11.6	12.3	13.1	13.5	12.9	8.4	5.6	0.8	—	124.0
Oktober	—	—	—	5.1	13.6	15.2	16.1	14.0	13.6	14.0	13.4	14.2	10.5	0.5	—	—	130.2
November	—	—	—	—	3.4	14.5	15.7	15.5	15.5	15.3	14.3	14.0	6.0	—	—	—	114.2
Dezember	—	—	—	—	—	16.5	21.5	22.4	24.9	25.0	23.6	18.4	1.6	—	—	—	153.9
Jahres-Summe	—	2.5	64.5	105.3	147.0	197.2	213.6	219.3	220.3	218.2	211.6	193.3	133.0	82.0	43.1	1.0	2051.9

Lausanne.

	4–5ª	5–6ª	6–7ª	7–8ª	8–9ª	9–10ª	10–11ª	11–12ª	12ª–1ᵖ	1–2ᵖ	2–3ᵖ	3–4ᵖ	4–5ᵖ	5–6ᵖ	6–7ᵖ	7–8ᵖ	Monats-Summe
Januar	—	—	—	—	2.7	3.7	5.9	5.8	5.0	4.7	4.1	2.2	—	—	—	—	34.1
Februar	—	—	—	8.8	14.6	15.9	16.3	17.6	18.6	18.7	20.5	19.7	12.0	—	—	—	162.7
März	—	0.1	2.7	12.9	16.1	18.0	18.2	17.6	17.1	17.2	15.8	15.5	15.4	6.0	—	—	172.6
April	—	3.8	7.8	8.8	13.4	16.2	15.3	15.3	16.5	16.4	13.8	12.3	8.7	7.4	1.7	—	157.4
Mai	4.7	15.2	17.6	16.6	12.5	16.9	18.3	18.3	17.9	17.5	18.4	16.5	14.2	13.7	12.2	4.1	234.6
Juni	6.2	12.9	15.5	15.0	15.4	16.4	18.1	18.2	19.0	18.9	18.1	18.3	18.9	15.2	13.1	7.3	246.5
Juli	3.9	13.4	13.2	14.6	14.8	17.0	16.4	15.4	17.6	16.8	17.9	13.9	13.4	15.0	11.2	2.6	217.1
August	0.9	11.1	16.7	15.7	15.6	19.6	20.3	19.3	21.0	20.1	22.8	19.6	18.7	16.3	9.9	1.0	248.6
September	—	1.4	7.3	9.9	11.2	13.4	18.6	19.9	20.3	17.6	16.7	19.0	17.2	10.3	0.9	—	183.7
Oktober	—	—	0.6	5.9	9.2	10.9	13.2	15.7	16.2	17.9	16.5	15.2	12.0	3.6	—	—	136.9
November	—	—	—	0.4	4.2	6.5	8.8	6.4	8.3	9.3	9.8	9.3	4.5	—	—	—	67.5
Dezember	—	—	—	—	5.7	11.1	13.0	13.7	13.0	13.1	13.5	7.8	1.2	—	—	—	92.1
Jahres-Summe	15.7	57.9	81.4	108.6	135.4	165.6	182.4	183.2	190.5	188.2	187.9	169.3	136.2	87.5	49.0	15.0	1953.8

Siders.

	4–5ª	5–6ª	6–7ª	7–8ª	8–9ª	9–10ª	10–11ª	11–12ª	12ª–1ᵖ	1–2ᵖ	2–3ᵖ	3–4ᵖ	4–5ᵖ	5–6ᵖ	6–7ᵖ	7–8ᵖ	Monats-Summe
Januar	—	—	—	—	—	5.8	13.5	13.2	12.4	13.4	12.4	6.2	0.3	—	—	—	77.2
Februar	—	—	—	—	1.7	11.9	18.1	20.2	20.9	20.5	19.2	18.1	5.1	—	—	—	135.7
März	—	—	—	0.2	11.3	18.0	18.3	19.0	16.5	17.5	17.1	15.0	7.8	—	—	—	140.7
April	—	—	3.5	10.1	14.4	15.4	18.0	18.0	15.8	15.1	11.9	11.2	7.9	4.2	0.9	—	146.4
Mai	—	2.5	15.1	16.5	18.1	21.1	19.9	17.4	16.6	14.5	12.4	13.1	13.0	11.1	3.6	—	194.9
Juni	—	3.3	13.0	16.9	18.5	20.1	19.3	18.7	16.9	17.7	16.9	15.1	13.7	12.8	5.9	—	208.8
Juli	—	1.0	8.1	10.9	13.9	17.8	18.8	19.1	19.0	19.9	18.9	16.9	13.8	7.7	4.1	—	189.9
August	—	—	5.8	18.0	22.3	21.7	23.3	21.5	21.9	22.7	21.8	19.9	17.9	11.9	1.0	—	229.7
September	—	—	0.4	4.8	16.0	18.5	18.9	19.0	16.9	17.9	16.0	15.4	9.7	2.1	—	—	155.6
Oktober	—	—	—	—	4.2	18.4	18.9	19.3	20.4	22.2	20.2	17.0	9.2	0.3	—	—	150.1
November	—	—	—	—	0.1	4.4	10.2	11.0	10.6	10.3	9.5	8.3	0.3	—	—	—	64.7
Dezember	—	—	—	—	—	7.3	18.6	19.6	18.3	18.0	14.0	4.9	—	—	—	—	100.7
Jahres-Summe	—	6.8	45.9	77.4	120.5	180.4	215.8	216.0	206.2	209.7	190.3	161.1	98.7	50.1	15.5	—	1794.4

Basel.

	4–5ª	5–6ª	6–7ª	7–8ª	8–9ª	9–10ª	10–11ª	11–12ª	12ª–1ᵖ	1–2ᵖ	2–3ᵖ	3–4ᵖ	4–5ᵖ	5–6ᵖ	6–7ᵖ	7–8ᵖ	Monats-Summe
Januar	—	—	—	0.1	5.3	7.6	9.0	8.6	9.7	10.2	10.3	6.0	0.1	—	—	—	66.9
Februar	—	—	—	5.2	12.1	14.7	16.9	18.7	20.8	20.1	20.7	19.9	8.9	—	—	—	158.0
März	—	—	0.6	4.9	11.4	14.1	15.1	14.7	14.6	16.6	15.3	14.8	11.0	0.6	—	—	133.7
April	—	0.3	4.6	7.0	9.5	13.3	13.7	13.6	14.1	16.8	15.1	14.2	12.7	7.9	1.5	—	144.3
Mai	—	7.5	12.3	14.9	16.5	17.9	17.5	18.3	18.4	18.7	17.4	14.6	14.0	12.0	7.9	0.4	208.3
Juni	1.2	6.9	10.6	12.3	14.8	14.2	13.9	15.7	17.5	16.4	16.4	12.9	13.8	13.2	10.1	2.7	192.6
Juli	—	5.5	10.9	12.1	14.0	16.9	16.8	15.4	13.8	12.8	12.7	12.8	13.7	11.4	9.1	0.7	178.6
August	—	2.9	13.0	16.6	18.5	18.5	19.5	21.0	19.4	18.9	20.4	19.1	19.0	16.3	5.9	—	229.0
September	—	—	2.2	7.2	11.6	15.1	18.0	21.6	20.0	16.7	19.3	15.9	14.6	7.4	—	—	169.6
Oktober	—	—	—	3.0	9.7	15.2	16.1	16.8	18.6	16.9	13.8	13.5	8.5	0.4	—	—	132.5
November	—	—	—	0.1	3.5	5.3	7.4	7.9	8.3	6.4	7.3	4.7	0.9	—	—	—	51.8
Dezember	—	—	—	—	1.6	6.4	8.0	10.0	9.5	9.7	9.9	6.0	—	—	—	—	61.1
Jahres-Summe	1.2	23.1	54.2	83.4	128.5	159.2	171.9	182.3	184.7	180.2	178.6	154.4	117.2	69.2	34.5	3.8	1726.4

Täglicher Gang der Sonnenscheindauer.

1913.

Bern.

	4–5ª	5–6ª	6–7ª	7–8ª	8–9ª	9–10ª	10–11ª	11–12ª	12ª–1P	1–2P	2–3P	3–4P	4–5P	5–6P	6–7P	7–8P	Monats-Summe
Januar	—	—	—	—	0.9	2.4	4.2	6.9	7.6	6.9	6.7	3.9	—	—	—	—	39.5
Februar	—	—	—	2.2	9.8	13.6	17.1	18.9	19.6	19.1	20.2	17.8	5.8	—	—	—	144.1
März	—	—	0.1	4.9	12.3	15.8	17.3	17.0	15.6	14.5	15.1	13.4	11.4	0.8	—	—	138.2
April	—	0.4	4.0	7.9	10.7	12.4	13.1	16.2	16.0	16.2	13.5	10.1	9.4	6.2	0.7	—	136.8
Mai	0.1	8.4	14.4	17.1	16.9	16.3	16.6	16.9	15.1	14.9	14.1	14.5	12.6	11.3	6.2	—	195.4
Juni	0.4	5.2	11.8	15.1	14.8	12.8	14.3	15.5	14.3	13.9	11.9	14.4	13.5	10.1	9.2	2.0	179.2
Juli	—	3.0	11.3	12.6	12.5	15.0	16.0	15.3	16.2	14.2	13.2	14.4	13.3	11.3	5.9	0.8	176.0
August	—	0.7	8.9	15.1	18.4	19.6	19.1	20.2	20.6	19.8	20.7	19.0	20.2	16.0	6.9	—	225.2
September	—	—	1.0	4.8	8.5	10.4	15.2	14.8	16.9	17.6	16.6	13.7	9.8	4.2	—	—	133.5
Oktober	—	—	—	2.2	6.8	9.6	13.3	14.3	13.9	17.5	16.0	15.6	8.5	0.3	—	—	118.0
November	—	—	—	—	2.1	2.5	3.9	4.0	4.1	3.1	2.8	3.2	0.5	—	—	—	26.2
Dezember	—	—	—	—	0.6	2.8	6.5	10.4	10.2	8.7	8.2	4.4	0.3	—	—	—	52.1
Jahres-Summe	0.5	17.7	51.5	81.9	114.3	133.2	156.6	170.4	170.1	166.4	159.0	144.4	105.3	60.2	28.9	0.8	1562.2

Zürich.

Januar	—	—	—	—	1.2	3.9	5.6	6.2	7.3	6.8	4.3	1.6	—	—	—	—	36.9
Februar	—	—	—	7.9	12.6	13.6	14.8	16.0	19.5	18.4	18.1	18.0	8.1	—	—	—	147.0
März	—	—	0.3	9.8	13.0	17.2	15.1	16.0	18.3	16.4	17.4	14.9	11.5	0.9	—	—	150.8
April	—	0.3	5.4	10.6	11.2	11.6	11.1	11.9	14.2	14.6	15.3	14.3	12.6	9.3	0.8	—	143.2
Mai	—	8.3	13.9	15.4	16.6	17.3	17.5	16.7	16.2	14.5	13.8	13.6	11.9	11.4	6.6	0.1	193.8
Juni	—	9.4	12.3	11.8	11.9	12.1	12.0	12.6	13.6	12.1	11.7	11.2	13.3	13.3	7.9	0.6	165.8
Juli	—	4.2	10.9	12.8	12.5	13.7	13.3	13.9	12.9	12.8	13.2	11.4	12.0	10.9	5.6	0.2	160.3
August	—	3.5	13.8	17.9	20.5	19.8	20.0	20.6	18.8	17.3	17.8	18.6	18.7	14.5	5.8	—	227.6
September	—	—	0.5	2.9	5.6	7.0	8.6	13.3	13.9	15.2	15.8	16.0	12.2	4.4	—	—	115.4
Oktober	—	—	—	1.4	5.4	8.4	10.1	12.2	14.6	16.3	15.8	13.7	6.8	0.3	—	—	105.0
November	—	—	—	0.4	0.7	1.4	3.4	5.0	4.7	5.6	5.8	3.3	0.1	—	—	—	30.4
Dezember	—	—	—	0.1	1.2	4.0	5.9	7.5	7.8	7.6	6.6	4.0	—	—	—	—	44.7
Jahres-Summe	—	25.7	57.1	91.0	112.4	130.0	137.4	151.9	161.8	157.6	155.6	140.6	107.2	65.0	26.7	0.9	1520.9

Davos.

Januar	—	—	—	—	—	7.0	18.0	18.0	17.0	16.5	14.6	3.3	—	—	—	—	94.4
Februar	—	—	—	—	—	6.1	20.0	21.1	21.0	20.5	20.2	19.0	4.1	—	—	—	132.0
März	—	—	1.2	12.3	19.1	20.2	20.7	19.6	18.8	17.8	17.6	15.2	3.7	—	—	—	166.2
April	—	1.4	6.6	10.2	12.3	12.3	14.5	14.7	14.9	14.9	13.9	13.1	11.3	0.1	—	—	140.2
Mai	—	5.6	13.3	16.4	17.1	15.5	13.5	12.3	11.7	12.4	10.5	10.5	7.5	1.8	—	—	148.1
Juni	—	8.5	14.7	13.5	14.5	14.5	13.4	13.6	12.2	12.9	13.1	11.8	12.0	3.7	—	—	158.4
Juli	—	3.8	8.6	9.7	10.1	10.7	11.7	13.1	13.3	12.0	9.7	9.5	8.4	2.0	—	—	122.6
August	—	5.1	16.1	17.5	20.3	19.3	19.5	19.2	18.1	19.1	18.2	19.5	16.5	1.4	—	—	209.8
September	—	—	6.0	16.5	16.4	17.1	17.3	15.0	15.4	15.5	12.8	11.9	6.0	—	—	—	149.9
Oktober	—	—	0.2	3.1	14.2	17.9	17.7	17.8	17.9	16.9	16.5	14.8	0.2	—	—	—	137.2
November	—	—	—	—	0.3	7.8	11.5	12.1	10.6	11.1	11.4	3.7	—	—	—	—	68.5
Dezember	—	—	—	—	—	3.7	13.6	15.7	15.3	14.2	11.4	1.8	—	—	—	—	75.7
Jahres-Summe	—	24.4	66.7	99.2	124.3	152.1	191.4	192.2	186.2	183.8	169.9	134.1	69.7	9.0	—	—	1603.0

Säntis.

Januar	—	—	—	1.7	10.8	13.1	15.5	15.0	14.4	13.0	7.6	1.3	—	—	—	—	92.4
Februar	—	—	0.9	11.7	17.8	20.5	20.0	20.1	20.3	19.7	18.2	16.5	10.9	0.4	—	—	177.0
März	—	—	2.9	12.2	14.7	14.1	15.1	17.2	15.9	14.9	13.3	11.9	11.9	0.8	—	—	144.9
April	—	1.0	6.0	10.8	11.5	10.9	10.6	10.2	11.4	11.0	10.2	11.3	8.2	4.2	0.9	—	118.2
Mai	—	4.9	9.6	11.9	17.0	17.9	15.7	14.3	13.7	10.4	12.1	10.8	7.9	9.3	4.5	0.1	160.1
Juni	—	2.6	8.9	9.0	11.3	11.4	11.2	11.2	10.4	10.6	9.5	8.0	9.2	9.0	4.6	—	126.9
Juli	—	4.2	8.4	9.1	9.6	10.6	12.6	12.5	11.4	9.4	7.8	5.2	5.2	5.6	3.0	—	114.6
August	—	4.5	11.5	14.6	16.4	16.0	15.2	15.2	13.5	11.3	10.3	9.0	7.2	8.2	2.1	—	155.0
September	—	—	5.9	15.8	16.2	17.3	19.3	17.2	15.1	14.0	15.9	16.1	12.1	0.8	—	—	165.7
Oktober	—	—	1.2	13.9	15.6	16.1	16.2	17.6	16.7	15.8	15.2	15.1	5.5	0.2	—	—	149.1
November	—	—	—	1.9	4.4	7.0	6.9	8.2	7.7	8.3	6.6	7.1	1.2	—	—	—	59.3
Dezember	—	—	—	1.3	8.8	10.8	11.7	12.5	11.3	10.5	9.9	7.3	—	—	—	—	84.1
Jahres-Summe	—	17.2	55.3	113.9	154.1	165.7	170.0	171.2	161.8	148.9	136.6	119.6	79.3	38.5	15.1	0.1	1547.3

Monats- und Jahressummen der Sonnenscheindauer in Stunden.

1913	Lugano	Genf	Lausanne	Clarens	Siders	Chaux-de-Fonds	Mont Soleil	Neuenburg	Bern	Luzern	Basel	Winterthur	Hallau	Haldenhaus	Zürich	Plantahof	Davos	Arosa	St. Moritz	Säntis
Januar . . .	104	30	34	35	77	63	66	21	39	32	67	32	32	34	37	78	94	98	72	92
Februar . .	161	140	103	124	136	151	171	139	144	108	158	132	144	135	147	132	132	148	153	177
März . . .	137	157	173	140	141	100	110	133	138	147	134	120	130	136	151	143	166	137	140	145
April . .	150	176	157	145	146	108	108	146	137	135	144	110	135	134	143	129	140	115	140	118
Mai . . .	206	254	235	175	195	168	176	227	195	189	208	188	200	197	194	174	148	161	179	160
Juni . . .	277	258	246	164	209	133	139	212	179	162	192	158	181	165	166	176	158	165	177	127
Juli . . .	269	222	217	148	190	147	146	105	176	162	179	146	150	145	160	141	123	110	158	115
August . . .	220	273	249	192	230	219	198	234	225	205	229	198	228	218	228	202	210	196	196	155
September . .	124	176	184	127	155	148	151	117	133	105	170	135	137	118	115	150	150	146	132	166
Oktober . . .	130	137	137	115	150	140	142	95	118	100	132	114	96	107	105	146	137	143	154	149
November . .	114	69	67	52	65	49	52	31	26	36	52	40	22	23	30	53	69	77	75	59
Dezember . .	154	67	92	73	100	64	71	30	52	49	61	43	32	40	45	63	76	84	88	84
Jahr	2052	1965	1954	1490	1794	1490	1536	1580	1562	1430	1726	1416	1487	1452	1521	1590	1603	1580	1664	1547

Nr. 5.

Uebersicht über die im Jahre 1913 von der Meteorologischen Zentralanstalt ausgeführten aërologischen Arbeiten (Registrier- und Pilotaufstiege)

von *Dr. A. de Quervain,*

mit einem Anhang:

Messung von Temperatur und Qualität des Füllgases bei Freiballonfahrten

von *Dr. A. Piccard (Zürich).*

Auch dieses Jahr waren die aërologischen Arbeiten eingeschränkt durch die für den Berichterstatter bestehende moralische Notwendigkeit, den grössern Teil der dafür verfügbaren Zeit dem Erdbebendienst zu widmen. Der fatale Verlust zweier Registrierapparate wirkte in gleichem Sinn. Dafür gelang eine wertvolle bemannte Fahrt, mit Unterstützung der Mittel des Aeroklubs, Sektion Ostschweiz, welche der Berichterstatter führte, bei welcher aber Dr. A. Piccard das Verdienst der Initiative und der sehr heikeln Vorbereitungen und Beobachtungen zukommt; so war es gegeben, dass er an dieser Stelle selbst über seine Untersuchungen berichtet, welche die für Fragen des atmosphärischen Strahlungsgleichgewichts so wichtige Kenntnis der Temperaturen des Ballongases durch Methode und Ergebnisse wesentlich fördern.

Registrier- und Pilotaufstiege.

Vorbemerkung. Wegen der schlechten Qualität des Kautschuks konnte den Pilotballons jeweilen nur 100 gr (statt 200) Auftrieb gegeben werden, wofür eine Vertikalgeschwindigkeit von 150 m in der Minute angenommen wurde. Bei starkem Wind schon in Bodennähe erweist sich diese Steiggeschwindigkeit als nicht genügend.

Pilotaufstieg vom 14. April 10^h15 a. Zur Vorbereitung der wissenschaftlichen Fahrt; bei typischer Biselage. Das Vorhandensein und die Höhenlage einer in der Höhe zu erwartenden Linksdrehung kann wegen des Verschwindens des Ballons hinter Wolken nicht mehr festgestellt werden.

Pilotaufstieg vom 15. April 9^h15 a. Zur Vorbereitung der wissenschaftlichen Fahrt. Immer noch Biselage. Die Depression im S der Alpen entfernt sich nach SE, während von NW her schnell eine neue Depression gegen das Hochdruckgebiet über Mitteleuropa heranrückt. Der Aufstieg zeigt die für Ostwind typische Erscheinung der scharfen Windrichtungsänderung in 2600 m in vorzüglicher Weise; eine obere NW-Strömung erhält sich nach dem bemannten Ballon noch bis zum folgenden Tag, während in der Bodennähe schon SW-Wind einsetzt.

Bemannter Ballon vom 15./16. April 4 p. Wissenschaftliche Fahrt. Siehe unten. S. 10.

Registrieraufstieg vom 8. Mai 8 a (Internationaler Termin). Instrument 449, Soloballon 1800 $^m/_m$ mit 3000 gr freien Auftriebs. Ballon nicht wieder gefunden! Anvisiert während 11 Minuten, dann gegen die Sonne verloren! Vorher durchläuft der Ballon, noch in den untern Schichten, alle Windrichtungen, und zwar mit zum Teil lebhaften Geschwindigkeiten von Nordwind und seichter Bise in 2000 m zu Westwind übergehend. Es ist der schon früher dargestellte Fall eines leichten Druckgefälles nach der Rhonemündung hin, während gleichzeitig ein Minimum im Westen die allgemeine Zirkulation beherrscht! Vergleiche unten den Aufstieg vom 24. September. — Geschwindigkeit von 1000—1250 m infolge von Vertikalkomponente zu gross angegeben! —

Pilotaufsieg vom 8. Mai 10 a (Internationaler Termin). Dieser Aufstieg ergänzt den Vorhergehenden, in dem er zeigt, dass die Westströmung schon von 4000 m an eine ausgesprochene nördliche Komponente, also ein Ausströmen aus der Depression heraus über die Alpen weg aufweist. Auch die Cirrus ziehen aus $W_{18}N$; damit hängt auch der Verlust des Registrierballons dieses Tages zusammen.

Registrieraufstieg vom 9. Mai 7^h54 a (Internationaler Termin). Instrument Nr. 50 mit Rohrthermograph und Bimetallthermograph. Tandemballons 1800 + 1500 $^m/_m$ Durchmesser. Totaler Auftrieb 3550 gr. Anvisiert während 76 Minuten. Beide Ballons platzen. Gefunden 1,5 km südlich von Sternenberg, bei Bauma im Tösstal, in 720 m Höhe, in Eo, 26 km. Genaue Dauer des Flugs unbekannt, da die Registrieruhr mehrere Male still stand. Das Instrument war zur Reparatur beim Fabrikanten gewesen, und war zurückgekommen ohne Mitteilung, dass die geforderte Neuprüfung unterlassen worden war. Deshalb stellte sich erst beim Aufstieg heraus, dass bei der Reparatur an den Thermographen eine Verstellung der Hebellängen vorgenommen worden war, derart, dass der untere Thermograph im Lauf des Aufstiegs die Barographenfeder erreichen und beide Aufzeichnungen weiterhin unverwertbar machen musste. Von diesem Punkt (7480 m) bis zum Platzen sind die Höhen nach den vorhergehenden Vertikalgeschwindigkeiten extrapoliert mit 330 m pro Minute; die Unsicherheit der Maximalhöhe wird im äussersten Fall wenige 100 m betragen.

Besonderheiten der Registrierung (Zahlenwerte in der Tabelle): In 680 m Höhe Beginn einer Inversion, die in 1200 m ihr Maximum hat. Bei 1590 m beginnen starke Gradienten, bei 3370 m nehmen dieselben vorübergehend ab; zugleich auch die Feuchtigkeit, die von der Inversion bis hieher zugenommen hatte. Von 4160 m bis 4460 m wiederum Inversion, an deren obern Grenze die Feuchtigkeit scharf abnimmt. Sehr schwacher Gradient auch von 5180 m bis 5400 m. In 10950 m scharfer Beginn der obern Inversion. — Ergebnis der Anvisierung: Entsprechend der wenig veränderten Luftdruckverteilung auch ähnliches Bild wie am Vortag: Bis ca. 2300 m seichter Ostwind. Die Südwestströmung reicht bis 5300 m; die folgende Nordwestströmung bei 11000 m nach oben begrenzt durch eine Westsüdwestströmung, welche ohne Zweifel mit der Stratosphäre zusammenfällt!

Pilotaufstieg vom 9. Mai 3^h25 p (Internationaler Termin). Stimmt mit der Visierung des Vormittagsballons in den Hauptzügen noch überein: Unten Ostwind, oben nur mehr bis ca. 1400 m; dann SW-Wind bis 5600 m. Darauf ein Zwischenstück mit W bis 8000 m. Von da bis 11000 m NW, der dort wieder von Westsüdwestströmung begrenzt wird, welche der Stratosphäre entspricht.

Pilotaufstieg vom 24. September 2^h50 p. Dient der Feststellung jener interessanten Situation, die schon für den Pilotballon vom 8. Mai 10 a beschrieben ist. Die Luftdruckverteilung entspricht der dortigen, und so haben wir auch hier Bise, bis 1400 m; darauf SW-Wind, der wie dort schon gegen 4000 m in NW-Wind übergeht.

Pilotaufstieg vom 1. Dezember 3^h05 p (Internationaler Termin). In der Höhe starker W-Wind, unter dem Einfluss der tiefen Depression im NNE. Beachtenswert, dass Zürich nach der Isobarenkarte noch auf der südöstlichen Seite des Hochdruckteils von Westen her liegt. Die Luftbewegung entspricht in diesem und andern ähnlichen Fällen gar nicht den untern Isobaren.

Pilotaufstieg vom 3. Dezember 2^h50 p (Internationaler Termin). Im Rauch des Kamins verloren.

Registrieraufstieg vom 4. Dezember 8^h37 a (Internationaler Termin). Registrierinstrument Nr. 378. Tandem 1500 + 1500 $^m/_m$. Gesamtauftrieb 3250 gr. Gefüllt unter beginnenden Windstössen. Im Tal noch Nebel, schnell aus SE ziehend. 25 Minuten anvisiert, unter sehr kleinem Höhenwinkel unsichtbar werdend. Nicht wieder gefunden! Die Visierung wurde entsprechend dem Auftrieb mit 350 m Vertikalgeschwindigkeit berechnet. Die hohen Horizontalgeschwindigkeiten in der Höhe entsprechen den sehr starken Gradienten der nördlichen Depression — der Ballon liegt vermutlich nicht in den Alpen, sondern irgendwo in Bayern.

Tab. I. **Uebersicht der Registriermessungen.** Aufstieg vom 9. Mai.

Luftdruck, Temperatur und relative Feuchtigkeit, nach Stufen von 500 und 1000 m, und besondere Punkte.

Höhe über Meer	Luftdruck	Temperatur		Rel. F.	Höhe über Meer	Luftdruck	Temperatur		Rel. F.	Höhe über Meer	Luftdruck	Temperatur		Rel. F.
		Bim.	Rohrth.				Bim.	Rohrth.				Bim.	Rohrth.	
m	$^m/_m$	C°	C°	%	m	$^m/_m$	C°	C°	%	m	$^m/_m$	C°	C°	%
480	715	9.0	9.0	80	3370	.	-3.6	-4.7	91	7000	308	-28.0	-30.7	.
680	.	8.0	7.5	87	3630	.	-4.5	-6.0	82	7480	.	-32.2	-34.8	.
820	.	8,4	7.7	81	4000	461	-7.6	-8.9	85	8000	.	.	-38.7	.
1000	672	9.6	8.6	68	4190	.	-9.2	-10.5	86	9000	.	.	-46.3	.
1150	.	10.4	9.2	56	4270	.	-8.8	-10.5	82	10000	.	.	-54.1	.
1200	.	10.5	9.4	54	4460	.	-9.7	-10.5	79	10950	.	.	-59.6	.
1370	.	9.7	9.2	52	5000	405	-12.7	-14.4	59	11000	.	.	-59.3	.
1500	652	9.3	8.8	51	5180	.	-13.9	-16.1	57	11290	.	.	-57.4	.
1590	.	9.0	8.6	50	5360	.	-14.5	-16.3	54	11480	.	.	-57.6	.
2000	594	5.8	4.9	57	5430	.	-14.7	-17.0	.	12000	.	.	-55.0	.
2500	559	2.2	0.8	70	6000	354	-19.1	-21.1	.	13000	.	.	-53.0	.
3000	529	-1.2	-2.7	91	6250	.	-20.9	-22.9	.	13030	.	.	-53.0	.

Tab. II. **Pilotballonanvisierungen.**

Höhe m über Meer	**14. April** 10^h15 a		**15. April** 9^h15 a		**8. Mai** 10^h a		**24. Sept.** 2^h49 p		**1. Dez.** 3^h05 p		**3. Dez.** 2^h52 p	
	Richtung aus	Geschw. m	Richtung aus	Geschw. m	Richtung aus	Geschw. m	Richtung aus	Geschw. m	Richtung aus	Geschw. m	Richtung aus	Geschw. m
500— 650	E 33 N	2.1	E 22 N	2.8	E 42 N	1.3	N 40 E	2.2	W 10 N	2.1	S 5 W	2.0
650— 800	E 43 N	2.1	E 19 N	4.3	E 30 N	4.8	E 47 N	2.6	W 5 N	3.7	W 18 S	4.2
800— 950	E 34 N	3.5	E 11 N	5.9	E 44 S	1.4	N 42 E	4.7	W 5 S	8.4	W 25 S	10.4
950—1100	E 12 N	4.6	E 10 N	6.2	E 3 S	3.9					verloren	—
1100—1250	E 20 N	5.1	E 10 N	6.2	E 20 S	3.3					—	—
1250—1400	E 22 N	6.3	E 11 N	5.9	S 11 E	1.6	E 41 N	4.6	W 4 S	10.2		—
1400—1550	E 23 N	7.8*)	E 20 N	3.4							—	—
1550—1700	—	—	E 12 N	5.9	W 18 S	3.0			W 9 S	10.4	—	—
1700—1850	—	—					E 45 S	4.4			—	—
1850—2000	—	—	E 10 N	6.7	W 18 S	6.5			W 12 S	12.2	—	—
2000—2150	—	—			W 23 S	7.5	S 39 W	3.2			—	—
2150—2300	—	—	E 18 N	5.9	W 33 S	12.5	W 6 S	3.4	W 10 S	12.8	—	—
2300—2450	—	—			W 20 S	16.5					—	—
2450—2600	—	—	E 5 N	2.4	W 20 S	10.6	W 9 S	6.3	W 10 S	13.6	—	—
2600—2900	—	—	N 30 E	3.8	W 18 S	10.0	W 6 S	6.0	verschwunden		—	—
2900—3200	—	—	N 20 E	6.4	W 0	7.0	W 5 N	6.7	—	—	—	—
3200—3500	—	—	N 18 E	12.1	W 7 S	9.3	W 20 N	7.0	—	—	—	—
3500—3800	—	—	N 6 E	15.8	W 2 S	10.0	W 30 N	9.1	—	—	—	—
3800—4100	—	—	N 2 E	15.6	W 10 N	8.9	N 38 W	8.5	—	—	—	—
4100—4400	—	—	N 5 E	17.4	W 10 N	11.4	N 42 W	7.9	—	—	—	—
4400—4700	—	—	platzt?	—	W 18 N	13.1	geplatzt?	—	—	—	—	—
4700—5000	—	—	—	—	W 19 N	15.0	—	—	—	—	—	—
					platzt							

*) Gilt bis 1900 m, dann hinter Cu, Fr-Cu verschwunden.

Tab. III. Registrier- und Pilotballonanvisierungen.

8. Mai 8^h00 a. **Registrier-Ballon.**			**9. Mai** 7^h54 a. **Registrier-Ballon.**			**9. Mai** 3^h25 p. **Registrier-Ballon.**			**4. Dez.** 8^h37 a. **Registrier-Ballon.**		
Höhe m über Meer	Richtung aus	Geschw. m	Höhe m über Meer	Richtung aus	Gesch. m	Höhe m über Meer	Richtung aus	Geschw. m	Höhe m über Meer	Richtung aus	Geschw. m
500— 750	N 13 W	3.7	480— 1150	S	2,2	500— 650	E 29 N	0.2	500— 850	S 31 W	7.5
750—1000	E 32 N	4,4	1150— 1490	E 20 S	7.1	650— 800	E 29 N	0.7	850—1200	W 28 S	18.4
1000—1250	E 2 N	11.2	1490— 1730	E 32 S	4.7	800— 950	N 42 E	2.4	1200—1550	W 26 S	22.2
1250—1500	E 13 N	5,6	1730— 2070	E 5 S	2,5	950— 1100	E 0	1.6	1550—1900	W 21 S	28.5
1500—1750	E 14 N	8,1	2070— 2350	E 7 N	2.8	1100— 1250	E 5 S	1.2	1900—2250	W 20 S	31.7
1750—2000	S 15 E	0,6	2350— 2690	S 20 E	0.2	1250— 1400	S 2 E	1.7	2250—2600	W 29 S	30.4
2000—2250	W 38 S	1,4	2690— 3000	S 30 W	1.6	1400— 2000	W 5 S	1.6	2600—2950	W 27 S	29.9
2250—2500	W 12 S	3,9	3000— 3340	S 40 W	1.4	3500— 3800	S 32 W	6.0	2950—3300	W 36 S	26.4
2500—2750	W 2 S	8,5	3340— 3630	S 20 W	1.4	3800— 4100	S 32 W	4.2	3300—3650	W 47 S	23.8
2750—3000	W 11 S	8,6	3630— 3970	S 25 W	3.6	4100— 4400	S 40 W	4.4	3650—4000	W 42 S	24.2
3000—3250	W 35 S	5,2	3970— 4270	W 30 S	4.2	4400— 4700	W 40 S	5.0	4000—4250	S 42 W	26.3
Verschwindet gegen die Sonne			4270— 4610	W 22 S	4.6	4700— 5000	S 30 W	4.2	4250—4700	W 30 S	24.9
—	—	—	4610— 4930	W 11 S	2.5	5000— 5300	S 32 W	4.8	4700—5050	W 44 S	32.1
—	—	—	4930— 5270	S 12 W	7.5	5300— 5600	W 30 S	4.3	5050—5400	W 29 S	30.5
—	—	—	5270— 5530	N 27 W	3.8	5600 – 5900	W	1.9	5400—5750	W 30 S	30.4
—	—	—	5530— 5870	N 33 W	3.1	5900— 6200	W 5 S	1.3	5750—6100	W 32 S	34.0
—	—	—	5870— 6250	W 27 N	4.4	6200— 6500	W 30 S	2.8	6100—6450	W 27 S	40.5
—	—	—	6250— 6590	N 30 W	2.6	6500— 6800	W 43 S	3.1	6450—6800	W 30 S	35.2
—	—	—	6590— 6800	N 10 E	1.6	6800— 7100	W 12 N	2.9	6800—7150	W 27 S	30.5
—	—	—	6800— 7140	S 42 W	1.8	7100— 7400	W 30 N	2.9	7150—7500	W 39 S	32.4
—	—	—	7140— 7480	N 35 W	1.2	7400— 7700	W 0	2.9	7500—7850	W 37 S	33.8
—	—	—	7480— 7810	N 10 W	3.8	7700— 8000	W 5 S	4.9	7850—8200	W 35 S	32.0
—	—	—	7810— 8140	N 28 W	1.7	8000— 8300	W 40 N	4.0	8200—8550	W 41 S	37.6
—	—	—	8140— 8460	W 32 N	3.3	8300— 8600	N 25 W	3.8	8550—8900	W 42 S	34.0
—	—	—	8460— 8770	N 40 W	1.6	8600— 8900	W 45 N	4.7	8900—9250	W 42 S	30.9
—	—	—	8770— 9090	N 24 W	4.0	8900— 9200	W 38 N	8.0	Verschwunden, wegen zu kleinen Höhenwinkels.		
—	—	—	9090— 9410	W 40 N	6,1	9200— 9500	W 38 N	6.5			
—	—	—	9410— 9720	N 38 W	5.6	9500— 9800	W 29 N	7.8	—	—	—
—	—	—	9720—10050	N 40 W	7.0	9800— 9950	W 32 N	5.7	—	—	—
—	—	—	10050—10360	N 45 W	9.1	9950—10100	W 15 N	7.5	—	—	—
—	—	—	10360—10680	N 4 W	10.8	10100—10400	W 28 N	8.5	—	—	—
—	—	—	10680—11000	N 40 W	9.1	10400—10700	W 35 N	11.5	—	—	—
—	—	—	11000—11320	W 10 N	8.7	10700—11000	W 19 N	12.5	—	—	—
—	—	—	11320—11630	W 20 S	8.6	11000—11300	W 21 S	6.5	—	—	—
—	—	—	11630—11950	W 30 S	9.1	11300—11600	W 20 S	8.7	—	—	—
—	—	—	11950—12260	W 15 N	14.9	11600—11900	W 21 S	9.7	—	—	—
—	—	—	12260—12570	W 5 S	9.6	11900—12200	W 16 S	11.7	—	—	—
—	—	—	12570—12910	W 10 S	10.0	12200—12500	W 11 S	11.7	—	—	—
—	—	—	Ein Ballon platzt bei 13030 m			12500—12950	W 6 S	10.6	—	—	—
						geplatzt					

Anhang.

Messungen von Temperatur und Qualität des Füllgases bei Freiballonfahrten[1]

von *Dr. A. Piccard (Zürich).*

Einleitung.

Zweck der vorliegenden Untersuchung war es, einen Beitrag zu liefern zur Kenntnis der Gesetze, nach welchen die Temperatur und die Zusammensetzung des Füllgases sich im Laufe einer Freiballonfahrt ändern. Sodann sollte versucht werden, aus den Beobachtungstatsachen praktische Ratschläge für die Führung des Freiballons und besonders für die Verwendung des Pöschelringes abzuleiten.

A. Die für die Temperaturänderungen in Betracht kommenden Faktoren sind die folgenden:

1. Wärmeaustausch mit der weiteren Umgebung. Hiezu sind zu rechnen: Einstrahlung aus der Sonne (infrarotes und sichtbares Spektrum), Ausstrahlung der Ballonhülle mit relativ kurzwelligen infraroten Wärmestrahlen und Einstrahlungen von der weiteren Atmosphäre und von der Erdoberfläche mit ähnlichen Strahlen.

2. Wärmeaustausch mit der näheren Umgebung. Dieser Austausch kann erstens erfolgen durch sehr langwellige infrarote Strahlen, welche schon durch dünne Schichten von Luft absorbiert und ausgestrahlt werden können, und zweitens durch Wärmeleitung mit der umgebenden Luft (Convection). Diese beiden Arten von Wärmeaustausch haben das Bestreben, den ganzen Ballon auf die Temperatur der umgebenden Luft zu bringen. Ihre Wirkung ist aber insofern verschieden, als die erste vor der vertikalen Eigengeschwindigkeit des Ballons unabhängig ist, die zweite aber derselben angenähert proportional ist. Drittens durch die in den Füllansatz eintretende Luft.

3. Wärmeerzeugung an der Ballonhülle. Diese ist positiv, wenn sich Feuchtigkeit auf die Hülle kondensiert und wenn Wasser zu Eis erstarrt. Sie ist negativ, wenn ein Eisbelag schmilzt und wenn Eis oder Wasser verdampft. Da ich nur bei trockenem Wetter Messungen ausgeführt habe, so lasse ich diese Ursache von Temperaturänderungen ausser Betracht.

4. Adiabatische Wärmeerzeugung durch Kompression des Füllgasses bei Aenderungen der Höhenlage des Ballons.

B. Die Zusammensetzung des Füllgases ändert sich erstens durch Diffusion von Gas und Luft durch die Hülle und zweitens durch Eintreten von Luft in den offenen Füllansatz. Die Diffusion bedingt eine graduelle Qualitätsverminderung[2] des Gases, welche vom Führer ganz unabhängig ist. Bei den heutigen guten Ballonstoffen ist diese Verschlechterung des Gases übrigens ziemlich zu vernachlässigen. Das Einströmen von Luft in den Füllansatz kann dagegen vom Führer während den Abstiegen des Ballons in weiten Grenzen reguliert werden und davon hängt unter Umständen der ganze Verlauf einer Ballonfahrt ab. Bekanntlich bezweckt der von Prof. Pöschel eingeführte und nach ihm benannte Ring ein möglichst intensives Einströmen von Luft.

Die Untersuchungen und Theorien, welche bis jetzt, namentlich von deutschen Forschern, über die Temperatur im Inneren des Freiballons ausgeführt worden sind, will ich keineswegs ignorieren. Die vorliegende Publikation aber soll hauptsächlich einen Bericht darstellen über die direkten Messresultate, welche wir im Verlaufe verschiedener vom „Ostschweizerischen Verein für Luftschiffahrt" (Sektion des Schweizerischen Aeroklubs) organisierten wissenschaftlichen Fahrten erreicht haben.

Ich hoffe, später über gewisse Fragen besser dokumentiert zu sein, um über die theoretische Seite des Problems und über die verschiedenen gegenwärtig bestehenden Anschauungen berichten zu können. Es ist namentlich eine vom „Ostschweizerischen Verein für Luftschiffahrt" und von der „Schweizerischen Meteorologischen Zentralanstalt" beabsichtigte Untersuchung über die atmosphärische Strahlung, welche einige uns noch fehlende Aufschlüsse geben sollte.

Die mit den Instrumenten gesammelten Erfahrungen bieten anderseits die unumgängliche Grundlage für die Ausrüstung jener projektierten Fahrten.

Beschreibung der Apparate.

A. Temperaturbestimmung.

Es musste eine Einrichtung konstruiert werden, welche gestattet, während der Fahrt an etwa neun verschiedenen Punkten des Ballоninneren beinahe gleichzeitig die Gastemperatur zu bestimmen. Hiezu hätten sich vielleicht selbstregistrierende Metallthermometer geeignet. Da diese Instrumente eine ziemliche Trägheit besitzen, hätte ich für jeden

[1]) Die Publikation ist eine Fortsetzung der von Herrn Dr. A. de Quervain über „Neue Messungen von Ballongastemperaturen" im Bulletin des Schweizerischen Aeroklubs (Heft 6, Jahrgang 1908) veröffentlichten Arbeit und einer in der gleichen Zeitschrift (Heft 4, Jahrgang 1913) erschienenen Mitteilung von mir über „Beiträge zur Kenntnis der Gastemperatur im Freiballon".

[2]) Bei Gummiballons könnte durch Diffusion auch eine geringe Verbesserung des Gases dadurch entstehen, dass die schweren Kohlenwasserstoffe (Benzol etc.) sehr rasch durch Gummi diffundieren.

der Beobachtungspunkte ein besonderes Instrument gebraucht und jedes hätte mit einem kräftigen Ventilator versehen werden müssen, um den Temperaturschwankungen rasch genug folgen zu können. Ueber soviel Instrumente verfügte ich nicht, so dass ich die Frage ihrer Verwendbarkeit gar nicht näher zu prüfen hatte. Viel geeigneter für solche Messungen sind jedenfalls die Thermoelemente, deren bekannte wertvollen Eigenschaften, minimale Wärmekapazität des Thermometerkörpers und Möglichkeit der Distanzablesung hier voll zur Geltung kommen. Zur Bestimmung der thermoelektrischen Kraft ist ein empfindliches Galvanometer nötig. Einzig das Saitengalvanometer ist an Bord eines Ballons brauchbar, es darf jedoch nur als Nullinstrument verwendet werden und muss daher mit einem Kompensationsapparat verbunden werden. Als Saitengalvanometer verwendete ich ein Instrument von Edelmann (München). Wenn sich die Saite in gutem Zustand befindet, so lassen sich auf festem Standpunkte Temperaturschwankungen von $\frac{1}{100}$° C noch wahrnehmen. Wegen den unvermeidlichen Schwankungen des Korbes ist die Empfindlichkeit im Ballon geringer, sie beträgt aber immer noch gut $\frac{1}{20}$° C. Leider nimmt die Saite bei starken Erschütterungen leicht Schaden und ihre Empfindlichkeit kann dadurch bedeutend vermindert werden. Den Kompensator konstruierte ich selber in einer Form, die sich für meine Zwecke sehr gut bewährt hat: Ein einziger Schlitten läuft auf einer Skale von 1 m Länge, welche den Temperaturen von — 40° bis + 60° entspricht. Die Skale ist in Millimeter geteilt, so dass sich auch bei schlechter Beleuchtung die Zwanzigstelgrade sicher ablesen lassen. Die verwendeten Thermoelemente Eisen-Konstantan haben eine Thermokraft, welche innerhalb der in Betracht kommenden Grenzen nahezu proportional der Temperaturdifferenz ihrer Lötstellen ist. Irgendeine Skalenkorrektur ist daher nicht anzubringen. Man liest am Stande des Läufers direkt die Temperatur ab. Wenn die Sonne auf das Galvanometer scheint, so kann eine parasitäre elektromotorische Kraft entstehen. Sie lässt sich durch Kurzschluss der Thermoelemente direkt in der Temperaturskale bestimmen und nachher als konstanten Betrag in Rechnung ziehen. Mehr als ± 0.6° habe ich übrigens nie beobachtet. Eine mit Eis und Wasser gefüllte Thermosflasche enthält die Lötstelle von konstanter Temperatur. Eine andere mit Wasser von etwa 40° gefüllte gleiche Flasche enthält neben einem guten Quecksilberthermometer eine Lötstelle, welche als Eichthermometer bei der Regulierung und Kontrolle des konstanten Stromes dient. Die anderen Lötstellen befinden sich in Abständen von 2 m längs eines Kabels, welcher in den gefüllten Ballon hochgezogen wird. Bei einer Fahrt hatte ich auf Vorschlag von Herrn de Beauclair hin noch zwei Lötstellen im Ballon innern auf Höhe des Aequators im Abstande von 1 m von demselben angebracht. Bei Gewittergefahr können alle Drähte aus dem Ballon heruntergelassen werden. Ein Quecksilberumschalter erlaubt es, rasch hintereinander alle einzelnen Thermoelemente in den Messtromkreis einzuschalten. Von grosser Wichtigkeit ist die Beschaffenheit der Lötstellen im Ballon, damit dieselben wirklich die Gastemperatur annehmen. Ich habe sie an blanke Silberbleche von 0,1 $^{m}/_{m}$ Dicke angelötet. Diese Bleche sind zu Zylindern umgebogen und verlötet, derart, dass sie das ganze Kabel locker umgeben[1]). Um sicher zu sein, dass die Lötstellen von keiner Strahlung beeinflusst werden, habe ich zwei Kontrollötstellen geschwärzt und unmittelbar neben zwei blanken angebracht. Nachts war zwischen den schwarzen Lötstellen und ihren blanken Nachbarn keine Temperaturdifferenz wahrzunehmen. Bei starker Insolation des Ballons waren die schwarzen Lötstellen etwa 1° wärmer als die blanken. Obgleich dadurch die Vermutung berechtigt wurde, dass die blanken durch die Strahlung um höchstens 0,1° erwärmt würden, habe ich bei der folgenden Fahrt auch noch zwei ventilierte Kontrollthermoelemente angebracht. Die blanken Lötstellen dieser Elemente waren mit doppeltem Silberblechrohr geschützt und mit 1,5 m pro Sekunde ventiliert. Ihre Temperaturdifferenz gegen die nichtventilierten betrug bei vollem Sonnenschein durchschnittlich nur 0,03° C. Dies beweist, dass die blanken nichtventilierten Lötstellen wirklich die Gastemperatur annnehmen.

Die Ventilation erfolgte durch einen Gummischlauch, welcher bis in den Korb reichte und hier mit einem Aspirator verbunden war. Als Aspirator durfte, wegen der Erschütterung des Galvanometers, keine Handpumpe genommen werden. Ich half mir daher mit zwei Glasflaschen von je 10 l Inhalt. Beide Flaschen waren unten mit Tubulatur versehen und durch einen dicken Schlauch miteinander in Kommunikation gebracht. Die eine Flasche wurde mit Salzwasser gefüllt und 1 m höher aufgestellt als die andere. Während nun das Wasser in die untere Flasche fliesst, entsteht in der oberen ein verdünnter Raum. Mit ihm wurde der Gummischlauch des Thermometers verbunden. War die obere Flasche leer, so konnte man in den Arbeitspausen entweder das Wasser wieder hinaufpumpen oder einfach beide Flaschen vertauschen.

B. Die Bestimmung der Gasdichte.

Alle meine Fahrten wurden mit Leuchtgas ausgeführt. Von einer chemischen Analyse musste ich natürlich absehen. Es genügte vollkommen, das spezifische Gewicht des Gases in bezug auf das der Luft zu bestimmen. Hiezu verwendete ich einen mir vom Gaswerk der Stadt Zürich freundlich zur Verfügung gestellten Apparat zur Bestimmung der Ausflussgeschwindigkeit. Das Gas wurde aus dem Ballon mit einer Sonde aus der gewünschten Höhe direkt in die Messkugel des Apparates gesaugt. Hiezu wurde einfach der vorhin beschriebene Aspirator mit der zweiten Kugel des Apparates verbunden. Wenn es sich nicht um eine quantitative Bestimmung der Gasdichte handelt, sondern nur um die Entscheidung der Frage, wie weit der Ballon mit Luft und wie weit er mit Gas gefüllt ist, so kann man auch einen viel einfacheren, rascher arbeitenden Apparat anwenden. Er besteht lediglich aus einem porösen Gefäss, das mit

[1]) Diese Form ist günstig wegen ihrer Symmetrie und weil sie die Gefahr eines Hängenbleibens des Kabels beseitigt.

einem U-Rohr-Wassermanometer verbunden ist. Sobald die Aussenseite des Gefässes mit Leuchtgas in Berührung kommt, so wird die Flüssigkeit durch den osmotischen Druck verschoben. Dieser Apparat wäre in manchen Fällen praktisch brauchbar, da er dem Führer in jedem Momente angibt, wie hoch er steigen kann, ohne Gasverluste zu erleiden. Ich hatte das Instrument derart gebraucht, dass ich mit Sonde und Handpumpe das Gas aus dem Ballon herunterholte und in ein unten offenes Gefäss leitete, welches über die poröse Zelle gestülpt war. Der Gebrauch vereinfacht sich aber sehr, wenn man die poröse Zelle selber mit einer Schnur in den Ballon hochzieht, während sie durch den dünnen Gummischlauch mit dem im Korbe aufgestellten Manometer verbunden ist. Sobald die Zelle das Gas erreicht, wird der Manometer kräftig ausschlagen. War die Zelle dagegen längere Zeit im reinen Gas zu oberst im Ballon, so wird der Manometer beim Herunterlassen der Zelle in umgekehrter Richtung ausschlagen, sobald letztere das lufthaltige Gas oder die Luft selber im untern Teil des Ballons erreicht. Der dabei auftretende osmotische Druck ist so gross, dass gegen ihn der hydrostatische Druck der Gassäule vernachlässigt werden kann.

Allgemeine Resultate und Ueberlegungen.

A. Die Gastemperaturen bei konstanter Höhe.

Wenn der Ballon sich nachts bei bedecktem Himmel auf konstanter Höhe befindet, so ist die Temperatur in den oberen zwei Dritteln des Ballons ziemlich homogen und nur wenig tiefer als die der umgebenden Luft. Der untere Drittel hat nahezu die Temperatur der umgebenden Luft. (Siehe Tafel I, Kurven 1, 2, 3 und 4.) In klaren Nächten treffen wir ziemlich die gleichen Verhältnisse an, nur werden die Temperaturdifferenzen zwischen den oberen Partien und der umgebenden Luft bedeutend grösser (z. B. 7°). (Siehe Tafel IV, Kurve 5 und 6, sowie Tafel VI, Kurven 1 bis 4.) Sobald am Morgen die Sonne scheint, so erwärmt sich der ganze Ballon, aber in seinen verschiedenen Teilen sehr verschieden. Während es die unteren Teile des Ballons nur wenig über die Lufttemperatur bringen, so erreicht der obere Teil leicht einen Ueberschuss von 15 bis 20°. Es wurde auch (kurz vor Sonnenuntergang) beobachtet, dass der untere Teil des Ballons kälter war als die umgebende Luft, während gleichzeitig der obere Teil wärmer war. (Tafel IV, Kurven 1 und 2.) Der Uebergang von den tiefen zu den hohen Temperaturen längs der Ballonachse ist sehr mannigfaltig. Bei einer Fahrt waren die Temperaturen beinahe eine lineare Funktion des Abstandes vom Ventil. (Tafel I, Kurven 5 und 6, ferner Tafel IV, Kurve 7.) Bei einer anderen Fahrt dagegen hatten die oberen drei Viertel der Ballonachse auch bei voller Insolation im Laufe des Vormittags eine fast homogene Temperatur. (Tafel VI, Kurven 5, 6 und 7.) Diese völlig unerwartete Erscheinung kann sich wohl nur erklären durch Verschiedenheiten in der Homogenität der Gasfüllung. Hätten wir jene Fahrt bis zur Sonnenkulmination ausdehnen können, so hätten wir wohl auch am Ventil die höchsten Temperaturen angetroffen.

Bei einer Fahrt hatte ich, wie schon erwähnt, drei Thermometer auf einer Linie in der Höhe der Ballonmitte. Bei Abwesenheit von Sonnenschein hatten alle drei gleiche Temperatur. Bei seitlicher Bestrahlung war, wie zu erwarten, die eine Ballonseite etwas wärmer. Die Differenzen betrugen höchstens 1,5° C.

Eine Folge der geschilderten Temperaturverteilung ist es, dass die mittlere Temperatur des Ballons gar nicht immer mit der Temperatur im Ballonmittelpunkt übereinstimmt. Wenn Temperaturmessungen im Ballon einen Wert haben sollen, so muss der Temperaturverlauf längs der ganzen Achse gemessen werden. Definiert man nun als mittlere Temperatur t_m diejenige Temperatur, welche der ganze Ballon einnehmen könnte, ohne dass sein Volumen sich ändert, so sieht man, dass die mittlere Temperatur nicht einfach das Mittel der längs der Ballonachse in gleichen Abständen gemessenen Temperaturen ist. Es muss vielmehr jeder Messung ein Gewicht beigelegt werden, welches proportional dem Horizontalquerschnitt des Ballons an dieser Stelle ist. Dies mathematisch ausgedrückt lautet:

$$t_m = \frac{3}{4r^3} \int (2ra - a^2)\, t\, da,$$

wo a der Abstand jeder Messstelle vom Ventil, t die daselbst bestimmte Temperatur und r der Ballonradius ist. Für grosse Temperaturunterschiede ist diese Formel nur näherungsweise richtig. Die genaue Formel würde lauten:

$$t_m = \frac{4r^3}{3\int \frac{(2ra - a^2)\, da}{t + 273^\circ}} - 273^\circ.$$

B. Die Gastemperaturen bei Vertikalbewegung.

Wenn der Ballon seine Höhenlage ändert, so muss aus verschiedenen Gründen auch seine Temperatur sich ändern. Betrachten wir zuerst die adiabatische Kompressionswärme des Gases. Sie ist der Rechnung leicht zugänglich: Irgend ein zweiatomiges Gas (Luft, Wasserstoff, Kohlenoxyd etc.) erwärmt sich durch die Kompression für je 100 m Abstieg um fast genau 1° (0,97 bis 0,99°), wenn es während des Abstieges den gleichen Druck hat wie die umgebende Luft und seine Temperatur von der der Luft nicht zu sehr verschieden ist. Auf die absolute Temperatur kommt es dabei nicht an. Steigt der Ballon um 100 m, so kühlt sich das Gas um den gleichen Betrag ab. Ist das Ballongas wärmer als die Luft, so erhält man höhere Temperaturänderungen. (Zum Beispiel beträgt für Gas + 30°

und Luft 0° die Temperaturänderung 1,1° pro 100 m.) Hat man es mit einem Gas von mehr als 2 Atomen pro Molekül zu tun, so werden die Temperaturänderungen geringer, entsprechend der grösseren spezifischen Wärme pro Volumeneinheit. Für Zürcher Leuchtgas ergibt die Rechnung etwa 0,84° pro 100 m. Diese Zahlen gelten für rein adiabatische Vorgänge. In Wirklichkeit muss die Wärmekapazität der Ballonhülle auch noch berücksichtigt werden. Nehmen wir an, der äussere Wärmeaustausch der Hülle sei null, die Hülle aber folge den Temperaturschwankungen des Gases, dann betragen diese Schwankungen für einen unserer 2200 m³ Leuchtgasballon[1]) nur noch 0,78° pro 100 m. Die bei 100 m Fall wirklich eintretende Erwärmung bezeichnen wir als Gradient des Ballons.

Ist das Füllgas feucht, so kann bei Aufstiegen durch Nebelbildung im Ballon der Gradient bedeutend vermindert werden.

Nun müssen noch die äussern Einflüsse berücksichtigt werden: Erstens der Wärmeaustausch mit der weiteren Umgebung. Er vermindert sich in den tieferen Lagen, wo die Luft weniger durchlässig ist. Der Ballon wird daher tags, wo dieser Wärmeaustausch zu seinen Gunsten stattfindet, in grösseren Höhen mehr Wärme durch Einstrahlung erhalten als tiefer unten. Dieser Austausch erfordert aber Zeit. Wir müssen daher erwarten, dass tags bei langsamen Vertikalbewegungen der Ballongradient geringer, in extremen Fällen sogar negativ werden kann. Nachts dagegen wird der Gradient bei langsamer Bewegung grösser. (Ohne äussere Einflüsse nämlich würde der rasch steigende Ballon sich für je 100 m um 0,78° abkühlen. Ist aber oben die Sonnenstrahlung intensiver, so arbeitet sie dieser Erwärmung entgegen, und zwar desto mehr, je mehr Zeit sie hat, also je langsamer der Ballon steigt. In klaren Nächten aber wird die Ausstrahlung den langsam steigenden Ballon mehr abkühlen als den rasch steigenden. Diese Abkühlung vergrössert den spontanen Gradienten des Ballons.)

Zweitens: Wärmeaustausch durch Strahlung mit der näheren Umgebung. Je nachdem der Gradient der Atmosphäre grösser oder kleiner ist als der Ballongradient, wirkt die Aenderung dieses Wärmeaustausches vergrössernd oder verkleinernd auf den Ballongradienten. Diese Wirkung erfordert aber auch wieder Zeit, daher kommt sie bei langsamen Bewegungen zur Geltung, bei raschen Bewegungen aber kann sie vernachlässigt werden.

Drittens: Wärmeaustausch durch Convection. Da seine Wirkung nach dem Newtonschen Gesetz mit der Geschwindigkeit und mit der Zeit nahezu proportional ist, so ist sie auch proportional dem Produkte dieser beiden Grössen, also proportional der durchlaufenen Höhe und dann unabhängig von der Geschwindigkeit. Es folgt daraus, dass dieser Austausch den Gradienten des steigenden Ballons vergrössert oder verkleinert, je nachdem die Lufttemperatur tiefer oder höher ist als die Ballontemperatur. Auf den Gradienten des sinkenden Ballons wirkt dieser Austausch gerade in der umgekehrten Richtung. Diese beiden Wärmeaustausche mit der nähern Umgebung des Ballons wirken also ganz verschieden auf den Gradienten.

Das Resultat der adiabatischen Kompression und dieser verschiedenen Wärmeübertragungen liefert nun den tatsächlichen Gradienten des Ballons. Ist dieser Gradient seinem algebraischen Werte nach (d. h. mit Berücksichtigung des Vorzeichens) grösser als der Gradient der Luft, so ist das Gleichgewicht des Ballons (ohne Pöschelringwirkung) stabil, im umgekehrten Falle labil. Ein im stabilen Gleichgewicht schwebender Ballon muss, wenn er durch irgendeine vorübergehende Ursache aus seiner Lage entfernt wird, in dieselbe zurückkommen. Ein labiler Ballon aber wird einer eingetretenen kleinen Bewegung mit beschleunigter Geschwindigkeit folgen, bis er in andere Verhältnisse gelangt. Er wird also im allgemeinen entweder bis über die Prallage steigen oder bis zur Erde fallen. Wenn die Landung verhindert werden soll, so muss Ballast gegeben werden, und zwar desto mehr je später der Führer die Lage erkennt und handelt. Wir gelangen hiermit zur Erkenntnis, dass die Stabilität auch von der Geschwindigkeit abhängig ist. Nachts kann z. B. ein Ballon bei starkem Luftgradienten unter Umständen langsame Schwingungen mit vollkommener Stabilität ausführen, überschreitet er aber dabei eine gewisse Geschwindigkeit, dann fällt er durch oder steigt bis Gasverlust an der Prallage eintritt. Tags aber kann der Ballon gegen rasche Bewegungen vollkommen gesichert sein und doch ganz langsam sich aus seiner Gleichgewichtslage entfernen. (Dies wird bei schwachem Luftgradienten eintreten.) Die Ballongradienten, welche ich beobachtet habe, waren tags etwa 0,6°/100 m und nachts 0,5°/100 m. Leider war der Gradient der Atmosphäre immer von gleicher Grössenordnung. Wäre es möglich gewesen, durch eine Inversion zu fahren, so hätten verschiedene Fragen beantwortet werden können, die jetzt noch offen stehen.

Aus den geschilderten Umständen sieht man, wie wichtig es unter Umständen sein kann, dass der Führer sich über den Gradienten des Ballons und den der Luft Rechenschaft gibt. Denn wenn der erste grösser ist, so schwingt der Ballon um seine Gleichgewichtslage, er „schwimmt". Jeder im Momente des Sinkens ausgegebene Ballast ist rein vergeudet. Ist dagegen der Luftgradient grösser, so muss jede Neigung zum Fallen sofort mit etwas Ballast bekämpft werden. Je später der Führer handelt, desto grösser ist der Verlust.

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[1]) Die spezifische Wärme des Ballonmaterials ist nicht genau bekannt. Mit einer für unsere Rechnung sicher ausreichenden Genauigkeit habe ich für Baumwolle und Gummi zusammen den Wert 0,45 angenommen

C. Die Wirkung des Pöschelringes und die Gasverschlechterung.

Der von Prof. Pöschel in den Füllansatz eingelegte Ring bewirkt, dass sich der Ansatz beim Fallen des Ballons nicht schliesst, so dass die Luft frei einströmen kann. Wäre der Querschnitt des Füllansatzes 8000 m mal kleiner als der Ballooninhalt, so müsste die Luft, um den Ballon prall zu halten, gerade mit der Fallgeschwindigkeit des Ballons eintreten.[1]

Ein 2200 m³ Ballon hat gewöhnlich einen Querschnitt des Füllansatzes von 0,5 m², während $\frac{2200\ m^3}{8000\ m} = 0{,}275\ m^2$ für dieses freie Einströmen genügen würden. Man kann also sagen, dass die Luft in den Füllansatz durch die Bewegung des Ballons eingeblasen wird.

Diese Luft hat nun eine dreifache Wirkung:

Erstens beim Eintreten: Wenn der Ballon intensiv bestrahlt wird, so erwärmt sich diese Luft bald über die Temperatur der Umgebung und erteilt dem langsam sinkenden Ballon neuen Auftrieb. Wir haben zwar gesehen, dass die untern Teile des Ballons nie sehr warm werden; wenn aber auch die Luft nur das Gas aus den untern Teilen des Ballons in die oberen verdrängt, so ist die Wirkung doch die gleiche, wie wenn die Luft selber erwärmt worden wäre.[2] Diese günstige Wirkung des Pöschelringes ist unter Umständen recht bedeutend. Nachts aber muss man vor dem Gebrauche des Pöschelringes auf der Hut sein, da seine Wirkung die entgegengesetzte sein wird. Die eingetretene Luft kühlt sich nämlich ab unter die Temperatur der Aussenluft, sie belastet also den Ballon, vergrössert also die Neigung zum Sinken, sobald sie vorhanden ist.

Zweitens durch ihre Gegenwart. Da der rein adiabatische Gradient der Luft 1°/100 m ist, der Ballongradient aber aus den Gründen, die wir gesehen haben, meistens kleiner ist, so verbessert die Luft den Ballongradienten und ist dadurch günstig sowohl nachts als tags.[3] Nur wenn der Ballon unter stark wechselnden Strahlungsverhältnissen schweben soll (z. B. Cumuli), so ändert diese Luft ihren Auftrieb ebenso wie das Gas und vergrössert daher den nötigen Gebrauch von Ballast und Ventil.

Drittens durch ihr Ausströmen. Die eingetretene Luft hat dem Ballon trotz des Sinkens die Eigenschaften des prallen Ballons erhalten. Steigt nun der Ballon, so entweicht aus dem Füllansatz ein entsprechendes Volumen eines mehr oder weniger gashaltigen Gemisches. Es kommt nun alles darauf an, ob dieses Gemisch schwerer oder leichter als die umgebende Luft ist. Das letztere wäre unter allen Umständen der Fall, wenn sich der Balloninhalt vollkommen mischen würde. Der aufwärts strebende Ballon würde dann wegen des Austretens dieses tragfähigen Gemisches an Auftrieb verlieren, also sein Emporsteigen bald unterbrechen, d. h. stabilisiert werden (gerade wie jeder gewöhnliche Ballon, der seine Prallage erreicht und Gas durch den Füllansatz verliert). Meine Messungen haben nun gezeigt, dass eine Vermischung des Gases mit der Luft unter gewöhnlichen Umständen, bis auf eine dünne Grenzschicht, fast gar nicht eintritt. Es folgt daraus, dass, solange der steigende Ballon sich unterhalb seiner vorher erreichten Maximalhöhe befindet, er aus dem Füllansatz nur Luft und kein Gas abgibt. Diese Luftabgabe wirkt nun tags und nachts gerade umgekehrt. Tags, wo die austretende Luft wärmer, also leichter als die umgebende Luft ist, stabilisiert sie den Ballon gerade wie wenn sie mit Gas vermischt wäre. Nachts aber entlastet die austretende kalte reine Luft den Ballon. Der Ballon wird dadurch nach oben labil, d. h. er hat die Tendenz eine zufällig begonnene kleine Steigung mit beschleunigter Geschwindigkeit fortzusetzen, bis dass das Gas am Füllansatz entweicht. Dies ist erst der Fall, wenn die frühere Maximalhöhe wieder erreicht ist. Darunter ist der Ballon nach oben labil. (Wir haben hier den Fall, wo ein kurzer Ventilzug eine Gasersparnis bedeuten kann.)

Wir sehen also, dass meistens der Pöschelring nachts ebenso schädlich als tags nützlich sein wird. Will der Führer seinen Ballon während einer klaren Nacht unten halten, so wird es das beste sein, er steigt kurz nach Sonnenuntergang in die Nähe seiner früheren Maximalhöhe, was man abends stets mit geringer Ballastabgabe erreichen kann, und lässt sich dann mit gut verschlossenem Pöschelring auf die gewählte Lage herab, woselbt er dann die gewünschte Stabilität finden wird.

Eine nebenbei zu erwähnende Folge der minimen Mischung von Gas und Luft ist, dass man in klaren Nächten auch dann den Gasgeruch im Korbe wahrnimmt, wenn der Ballon im Gleichgewichte ist oder langsam sinkt. Dies ist erklärlich, wenn man bedenkt, dass die Luft im Füllansatz wegen ihrer Kälte schwerer ist als die äussere Luft, also in den Korb herunterfallen kann trotz einem ganz geringen Gasgehalt, welcher aber schon mit dem Geruchsinn wahrnehmbar ist.

D. Die Verwendung der Pöschelringwirkung.

Es ist bekannt, dass auch der nicht versteifte Füllansatz unter Umständen beim Fallen offen bleibt. Sondierungen mit dem osmotischen Gasprüfer haben mir bestätigt, dass auch ein Ballon ohne Pöschelring nach der Landung mehrere Meter hoch mit fast reiner Luft gefüllt ist.

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[1]) 8000 m ist die Höhe der „homogenen Atmosphäre".

[2]) Die analoge Bemerkung gilt auch für die folgenden Fälle.

[3]) Diese Wirkung ist im allgemeinen gering. Für die Landung nach einer Hochfahrt aber kann sie von ausschlaggebender Bedeutung sein, da sich dann der Ballon leicht zu zwei Dritteln mit warmer Luft füllen lässt.

In Anbetracht dieses und aller vorhin genannten Umstände möchte ich als rationellste Konstruktion die folgende vorschlagen: Der Ballon hat zwei Ansätze. Der eine ist mit einem verschliessbaren Ring versehen (verschiedene Ausführungen sind auf dem Markte) und wird nur dann geöffnet, wenn es der Führer unter Würdigung aller Verhältnisse und des Zweckes der Fahrt für nützlich hält. Der zweite Ansatz ist aus ganz leichtem Stoff hergestellt, so dass er nur aufgeht, wenn im Ballon Ueberdruck entsteht. Er bildet das Sicherheitsventil, welches man auf die Dauer bei geschlossenem Ring nicht entbehren kann, weil sonst eine Vergesslichkeit des Führers in kurzer Zeit den Ballon zum Platzen bringen kann.

Der Verlauf der Fahrten und die einzelnen Resultate.

Alle meine Fahrten erfolgten mit Leuchtgasfüllung. Bei den vier ersten war der Füllansatz mit offenem Pöschelring versehen. Die Ballons „Zürich" und „Azura" fassen je 2200 m³. Die erhaltenen Temperaturbestimmungen habe ich, soweit sie Interesse bieten können, auf den Tafeln I bis VII dargestellt. Die Temperaturen sind überall längs der Ordinatenachse aufgetragen. Die Tafeln I, IV und VI enthalten Kurven, deren jede den Zustand des ganzen Ballons in einem bestimmten Momente darstellt. Die Abszissenachse repräsentiert dabei die Ballonachse. Ganz rechts sind die mit ventiliertem Thermometer bestimmten Lufttemperaturen aufgetragen und mit der Nummer der zugehörigen Kurve bezeichnet. Auf Tafel IV ist ein halber 2200 m³ Ballon[1]) im Masstabe der Abszissenachse gezeichnet, woraus man die Lage der einzelnen Elemente ersieht. In den Fällen, wo der Ballon nicht im Beharrungszustand war, wurden die verschiedenen Temperaturen, welche natürlich nicht alle gleichzeitig aufgenommen werden konnten, auf den gleichen Zeitpunkt inter- oder extrapoliert. Auf Tafel II, III und VII ist der Temperaturverlauf der verschiedenen Ballonpunkte während Auf- und Abstiegen in Funktion der Höhe des Ballons aufgetragen. Auf Tafel V sind sowohl die Temperaturen als die Höhen in Funktion der Zeit aufgetragen. Die Höhen sind dabei nach unten gezeichnet in einem Masstabe, welcher etwa dem Ballongradienten ohne Sonnenschein entspricht. Die Differenzen zwischen Temperatur und Höhenkurve ergeben dann annähernd den Einfluss der aufgehenden Sonne. Die Zahlen auf den Kurven bedeuten auf Tafel II, III, V und VII den Abstand vom Ventil, auf Tafel I, IV und VI dagegen nur Nummern.

Die Fahrt des „St. Gotthard" vom 19./20. Juni 1912.

Abfahrt: Schlieren 10 Uhr abends; Führer: Herr R. O. Müller; Beobachter: A. Piccard; Landung: 3 Uhr morgens wegen eines schweren Gewitters in der Nähe von Augsburg. Auf dieser Fahrt mussten die Beobachtungen wegen des heranziehenden Gewitters sehr bald abgebrochen werden. Als Resultat brachte ich die Beobachtung herunter, dass die längs der Ballonachse gemessene Temperatur des Füllgases bei sternenklarem Himmel und konstanter Höhe (700—900 m) von oben nach unten langsam abnahm und zuletzt wieder stark zunahm; ferner erbrachte ich den Beweis, dass die Thermometer trotz ihrer komplizierten Konstruktion im Ballon gut zu gebrauchen waren.

Die Fahrt der „Zürich" vom 28./29. September 1912 (Tauffahrt).

Abfahrt: Schlieren 7 Uhr abends; Führer: Herr V. de Beauclair; Passagiere: Herr Hauptmann W. Gerber, Herr A. Piccard.

Der Ballon steigt langsam bis 900 m, sinkt wieder und ist um 9^{45} auf 600 m im Gleichgewicht. Unter uns Hügelland (Schuffisheim bei Olten) mit schwacher Nebelbildung, sonst klar, über uns lückenlose, gleichmässige Bewölkung. Hierher fällt die Aufnahme von Kurve 1, Tafel I. 10^{15} (Schönenwerd) 900 m, Ballon sehr schwach steigend, sonst gleiche Umstände wie vorhin: Kurve 2. Ballon fährt über Jura und den Doubs, gelangt bei Pruntrut wieder in die Schweiz und bekommt um 3^{30} etwas Regen. Um 5^{25} Gleichgewicht auf 1270 m (Jura): Kurve 3. Ballon steigt mit geringer Ballastabgabe auf 1400 m. Um 5^{50} beginnt die Morgendämmerung, unten klar, oben geschlossene Wolkendecke, Ballon langsam steigend (1400—1430): Kurve 4. Wetter bessert sich, Ballon fährt in der Richtung von Luzern. 10^{07} auf 2300 m (Reinach) bei Sonnenschein aber nicht ganz klarem Himmel kräftiger Ventilzug. Ballon sinkt anfangs mit 2, später mit 1 m per Sekunde und gelangt über Hallwylersee bei voller Sonnenbestrahlung und Sonnenreflex ins Gleichgewicht. Tafel II zeigt die Beobachtungen während dieses Falles. (Der mit ? bezeichnete Punkt gehört zur 9 m Kurve. Er beruht offenbar auf einer falschen Ablesung.) Man sieht aus diesen Kurven, dass sich der sinkende Ballon erwärmt und dass hiebei sein Ballongradient im Mittel etwa 0,7° beträgt, der Gradient der umgebenden Luft dagegen beträgt etwa 0,6°. Der sinkende Ballon musste sich also stabilisieren, was auch beobachtet wurde. Tafel I, Kurve 5 zeigt die Temperaturverteilung gegen Ende des Falles auf 980 m. Am östlichen Ufer des Hallwylersees findet eine Zwischenlandung statt zur Ausführung von Gasdichtemessungen auf konstanter Höhe. Dann steigt der Ballon durch Abgabe von 40 kg Ballast. Der Temperaturverlauf während des Anstieges von 11^{12} bis 11^{35} wird durch Tafel III veranschaulicht. (Die Zahlen auf den Kurven bedeuten Abstand vom Ventil in Metern ausgedrückt.) Deutlich sieht man hier, dass der steigende Ballon sich abkühlt, ferner sieht man auf den Tafeln II und III, dass während der Erwärmung die oberen Partien eine schnellere, bei der Abkühlung aber eine geringere Temperaturänderung erleiden als die unteren.

[1]) Der Füllansatz wurde dabei irrtümlicherweise in ganzer statt in halber Breite gezeichnet.

Der Grund hiezu muss in der Wärmekapazität der Hülle zu suchen sein, diese bleibt in ihrer Temperatur zurück, erwärmt also den steigenden Ballon und kühlt den sinkenden ab. Die gewärmten Gaspartien gehen nach oben, die abgekühlten nach unten. Die Lufttemperatur wurde durch Interpolation bestimmt, und zwar für Tafel II aus drei, für Tafel III aus zwei Beobachtungen (letztere fallen ausserhalb der Tafel). Zur Darstellung auf der Tafel mussten zu allen Lufttemperaturen 10 resp. 15° hinzugezählt werden. Der wellenförmige Temperaturgang auf Tafel III muss offenbar Schwankungen der Insolation zugeschrieben werden. Der Himmel war nicht rein blau, sondern zeigte immer noch einzelne leichte Wölkchen. Tafel I, Kurve 6 zeigt die Temperaturverteilung während des Aufstieges auf 1700 m. Die weiteren Temperaturbeobachtungen auf dieser Fahrt zeigen nichts Neues. Die Beobachtungen mussten um 12^{22} unterbrochen werden, um den Ballon zur Landung klar zu machen. Die weitere Fahrt führte uns über Schlieren, Zürich (HBH) und Dübendorf. Die Landung erfolgte sehr glatt erst um 3^{15} bei Märstetten, nachdem im ganzen 205 Temperatur- und 18 Gasausströmungszeiten bestimmt worden waren.

Die Fahrt der „Zürich" vom 15./16. April 1913.

Abfahrt: Schlieren 3^{50}; Führer: Herr Dr. A. de Quervain; Beobachter: A. Carrard, A. Piccard. Das Montieren der Instrumente, besonders der beiden seitlichen Thermometer im Balloninnern war durch einzelne Windstösse erschwert worden. Um eine Gefährdung der Instrumente zu vermeiden, musste der Start beschleunigt werden. Wahrscheinlich hatte beim Abwägen die Hilfsmannschaft den Ballon nicht ganz freigegeben. Wir fuhren daher gegen unsern Willen mit einem Auftrieb von ca. 150 kg ab. In 10 Minuten erreichten wir auf 2500 m Höhe die Gleichgewichtslage, wobei die Steiggeschwindigkeit anfangs über 6 m pro Sek. betrug. Oben ununterbrochen Sonne, unter uns einzelne Eisnadelwolken. 4^{15} Ballon im Gleichgewicht auf 2610 m: Aufnahme von Kurve 1, Tafel IV. 5^{05} Ballon noch immer im Gleichgewicht erhalten, befindet sich auf 2640 m, Sonne frei, Horizont etwas bewölkt: Aufnahme von Kurve 2. Zwischen 5^{30} und 6^{20} sinkt der Ballon auf 750 m und steigt auf 1200 m. Während des folgenden langsamen Abstieges (1—0 m per Sek.) wird um 6^{30} auf 1135 m Kurve 3 aufgenommen (die letzten Punkte sind durch Interpolation auf die gleiche Höhe reduziert). Unterdessen nähert sich die Sonne dem Horizont. Der Ballon wird wieder auf 2500 m gebracht und dann wird bei 2470 m um 7^{15} während dem Sonnenuntergang die Kurve 4 aufgenommen, wobei der Ballon ins Fallen gerät. 9^{22} wird bei sternklarer Nacht und guter Gleichgewichtslage auf 2480 m die Kurve 5 aufgenommen; unter gleichen Umständen um 11^{47} auf 2840 m die Kurve 6. Diese 6 Kurven zeigen deutlich, wie der Ballon tags wärmer, nachts aber bald kälter wird als die umgebende Luft. Auch sieht man, dass tags der oberste Teil des Ballons das Temperaturmaximum, nachts aber das Minimum enthält. Unterdessen hat der Ballon, welcher sich zuerst dem Jura genähert hatte, die Richtung auf den Rigi eingeschlagen. Um 12^{20} ziehen wir Ventil in der Nähe des Baldegger-Sees, um nicht gegen die Alpen zu fahren. Wir kommen gegen Zug und bleiben über dem Städtchen bis nach 5^{20} Uhr. Während dieses Abstieges konnten keine Messungen vorgenommen werden, weil die Windrichtung in allen Höhen bestimmt werden musste. Nachher durften wir nicht mehr hochsteigen, da eine Alpenfahrt mit den vielen Instrumenten und der geringen Ballastmenge nicht ratsam war. Von 5^{26} bis 7^{16} werden die auf Tafel V dargestellten Messungen ausgeführt, welche die Wirkung des Sonnenaufganges veranschaulichen. Der Himmel ist dabei vollkommen klar. Auf diesem Diagramm lässt sich sehr schön verfolgen, wie die aufgehende Sonne eine Inversion der Ballontemperaturen erzeugt, welche etwa im Momente eintritt, wo der Ballon mit der Luft isotherm ist. Um 6^{49} entstand eine vorübergehende unaufgeklärte Störung. Nach 7 Uhr müssen die Messungen unterbrochen werden. Um 9 Uhr wurden dann auf einer Höhe von 1500 m noch einmal alle Temperaturen bestimmt (Ballon über Schneefeldern langsam sinkend). Sie lagen zwischen +20° und —3°. Kurve 7, Tafel IV zeigt den Temperaturverlauf, wobei überall 10° abgezogen worden sind. Der Führer muss oft Ventil (was auf Tafel V durch die ↓ angedeutet ist) ziehen, weil in den höhern Lagen Nordwestwind herrscht, welcher uns gegen die Alpen treiben würde. Wir fahren über Sihlbrugg, kreuzen den Zürichsee unterhalb Rapperswil und halten beständig möglichst links, um links vom Säntis durchzukommen. Die Hügel des Toggenburgs zwingen uns aber zu steigen, dadurch dreht der Kurs nach rechts. Wir müssen über den Säntis, dessen Gipfel wir auf 4250 m Höhe überfahren. Während des Aufstieges wird die Galvanometersaite unbrauchbar. Zum Auswechseln des Instrumentes fehlt die Zeit. Wir machen daher nur noch einige Gasdichtebestimmungen. Um nicht in den Vorarlberg zu fahren, müssen wir uns zur Landung im Rheintal entschliessen. Innert 20 Minuten durchfallen wir 3450 m und landen sehr glatt bei Buchs um 11 Uhr, nachdem wir 290 Temperatur- und 6 Ausströmungszeiten bestimmt hatten.

Die Fahrt der „Azurea" vom 24./25. September 1913.

Abfahrt: Schlieren 6^{17}; Führer: Herr Hafen, Leutnant in der Ballonkompanie; Beobachter: Dr. J. Piccard, A. Piccard. Diese Fahrt sollte mir die noch fehlenden Messungen bei nächtlicher Höhenänderung und einige Gasdichtebestimmungen nach grösseren Abstiegen ergeben. Im Laufe des Abends und der Nacht wurden die Kurven 1 bis 4 (Tafel VI) aufgenommen. Das Wetter war dabei sehr klar. Das Gleichgewicht war auffallend labil. Wenn ein eintretender Fall nicht sofort mit etwas Ballast pariert wurde, so kostete es tiefer unten bedeutende Mengen Ballast. Kurve 1 wurde beobachtet um 8^{22} zwischen Seon und Schönenwerd auf 1300 m. 10^{20} überfahren wir die Stadt Basel (S. B. B.-Bahnhof, Spalentor). 11^{42} zwischen

St. Ludwig und Mülhausen erhalten wir die Kurve 2 auf 1100 m Höhe. Wir fahren über Thann durch die Vogesen und kehren bei St. Maurice zurück. 4^{15} erhalten wir Kurve 3 bei einer Gleichgewichtslage von 1020 m und unter gleichen Umständen 4^{23} die Kurve 4. Dabei haben wir unter uns eine fast geschlossene Dunstschicht. Um 4^{55}, im ersten Morgengrauen lassen wir uns mittels Ventilzug von 1040 m bis 650 m herab, wobei wir den Nebel erreichen. Hier geben wir (5^{20}) 26 kg Ballast und erreichen um 5^{55} wieder Gleichgewichtslage auf 1950 m. Die dabei beobachteten Temperaturen sind auf Tafel VII dargestellt, und zwar stellt der Raum links vom Doppelstrich 650 den Abstieg, der Raum rechts davon den folgenden Aufstieg dar. Die Steiggeschwindigkeit war dabei nicht konstant. Es kamen sogar kurze rückläufige Bewegungen vor. In diesem Falle habe ich für die Reproduktion von verschiedenen Punkten auf gleicher Höhe das Mittel genommen. Da alle oberen Thermoelemente immer die gleiche Temperatur angeben, habe ich hier nur die Angaben des obersten reproduziert. Ganz unregelmässig ist der Verlauf des untersten Elementes und des mit A bezeichneten aspirierten Luftthermometers. Ich habe Gründe, anzunehmen, dass in dieser Reihe das Luftthermometer nicht richtig funktioniert hat (es war zu nahe am Ballonkorb). Der weitere Verlauf der Fahrt brachte uns einen schönen Sonnenaufgang, welcher ähnlich wie bei der letzten Fahrt messend beobachtet wurde und ganz analoge Kurven ergab. Wir fuhren nun über den Schwarzwald und dann schloss sich das Nebelmeer unter uns auf dem ganzen Lande. Die Orientierung erfolgte durch Anpeilen der Alpengipfel. Ueber dem Nebelmeer war die Luft vollkommen rein. Sogar der Mont Blanc erschien von der Gegend des Feldberges aus ganz klar. Es wurde kein Ballast mehr gegeben. Unter diesen Umständen beobachteten wir um 8^{22} auf 3100 m Kurve 5, um 8^{35} auf 3200 m Kurve 6 und um 9^{04} auf 3400 m Kurve 7 der Tafel VI. In allen Kurven dieser Fahrt zeigt sich eine auffallende Homogenität des oberen Teiles des Ballons. Vom Ventil nach unten nimmt die Temperatur sogar anfangs etwas zu, um dann plötzlich bedeutend zu sinken. Der Gegensatz zwischen diesen Kurven und denjenigen auf Tafel I und IV ist ganz bedeutend. Wie schon erwähnt, erkläre ich ihn durch Verschiedenheiten in der Homogenität der Gasfüllungen und der dadurch bedingten verschiedenen Beweglichkeiten des Gases. Wieder wurden wir wegen Annäherung an die Alpen zur frühzeitigen Landung gezwungen. Um 9^{50} wurde auf 3500 m Höhe Ventil gezogen. Bei etwa 1000 m Höhe wurde das Nebelmeer erreicht. 10^{17} landeten wir unter der Nebeldecke auf 700 m Höhe bei Allenwinden am Zugerberg. Dank der da herrschenden vollkommenen Windstille brauchten wir den Ballon nicht gleich zu entleeren, sondern konnten noch die Dichte einer Reihe von Gasproben bestimmen, deren Resultat ich im folgenden angebe:

Gasprobe	Ausströmungszeit in Sek.	Dichte
Füllgas laut Angabe des Gaswerkes . . .	—	0,422
12 m vom oberen Rand des Füllansatzes . .	75,6	0,425
8 m „ „ „ „ „ . .	75,6	0,425
7 m „ „ „ „ „ . .	77,0	0,441
6 m „ „ „ „ „ . .	96,2	0,690
4 m „ „ „ „ „ . .	114,8	0,980
2 m „ „ „ „ „ . .	114,5	0,972
am oberen Rand des Füllansatzes	115,0	0,981
Atmosphärische Luft in gleichem Zustand .	116,0	1,000

Es lässt sich also innerhalb der Grenzen der Messgenauigkeit sagen, dass das Füllgas sich nach 17stündiger, sehr abwechslungsreicher Fahrt im ganzen obern Teil des Ballons nicht verschlechtert hat. Die während des Falles von durchschnittlich 1,7 m pro Sekunde eingetretene Luft hat sich fast unvermischt im untern Teil des Ballons gelagert. Die Uebergangsschicht ist etwa 2 m dick (vom fünften bis zum siebenten Meter).

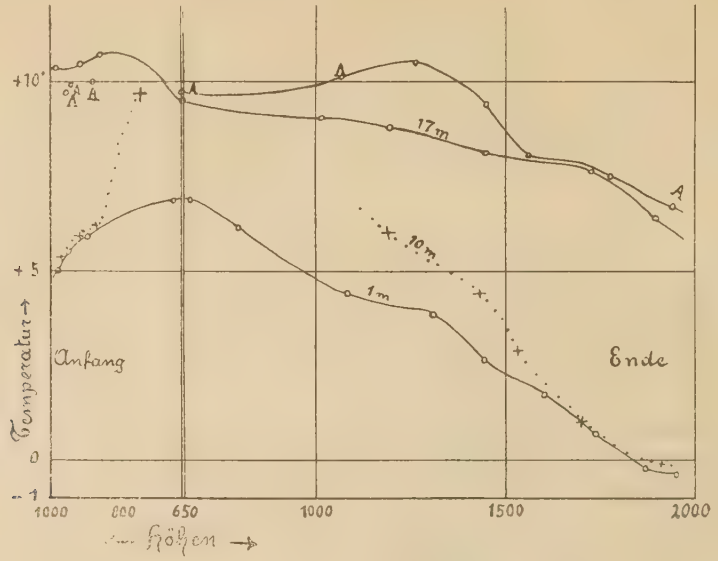
Unter Vernachlässigung der Temperaturdifferenzen und der Deformation des Kugelballons lässt sich das Luftvolumen berechnen, welches der Ballon nach einem Fall von 3500 m auf 700 m enthalten sollte. Man findet 639 m^3. Dies würde den Kugelballon bis 5,75 m vom oberen Rand des Füllansatzes füllen, was mit der Beobachtung sehr schön stimmt, dass bei 6 m das Gas schon etwas leichter war als das Mittel von Luft und Leuchtgas (0,69 statt 0,71 m). (Tatsächlich ist wegen der birnförmigen Deformation des Ballons das Volumen der eingetretenen Luft kleiner als 639 m^3, aber wegen der Deformation nimmt es fast dieselbe Höhe ein, die 639 m^3 in der Kugel eingenommen hätten.

Im ganzen machte ich während dieser Fahrt 218 Temperatur- und 18 Dichtebestimmungen.

Die Fahrt des „St. Gotthard“ vom 30. April 1913.

Abfahrt: Schlieren 9^{05}; Führer: Herr R. O. Müller, drei Passagiere. Im Gegensatz zu den vorigen wissenschaftlichen Fahrten war diese Fahrt als Klubfahrt organisiert. Wir gingen mehrere Male auf und ab, erreichten eine Höhe

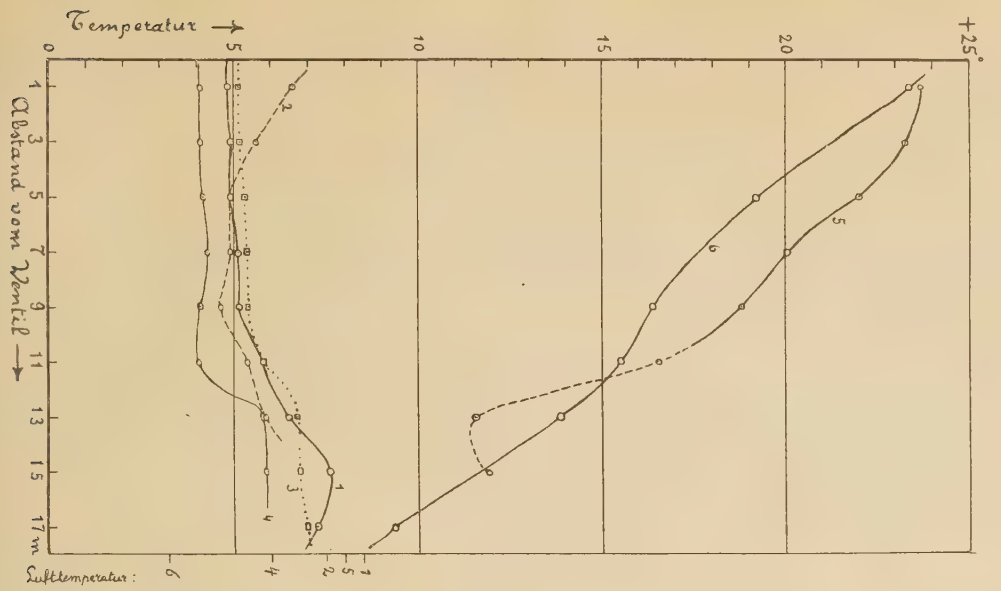
von 2500 m und landeten bei vollem Sonnenschein um 4^{10} bei Illnau. Diese Fahrt erfolgte im Gegensatz zu den andern mit schlaffem Füllansatz. Da die Fallgeschwindigkeit vor der Landung nicht gross war, blieb der Füllansatz offen. Mit der beschriebenen osmotischen Sonde konstatierte ich das Eindringen der Luft in den Ballon und traf das Leuchtgas nach der Landung erst 4 m vom oberen Rand des Füllansatzes.



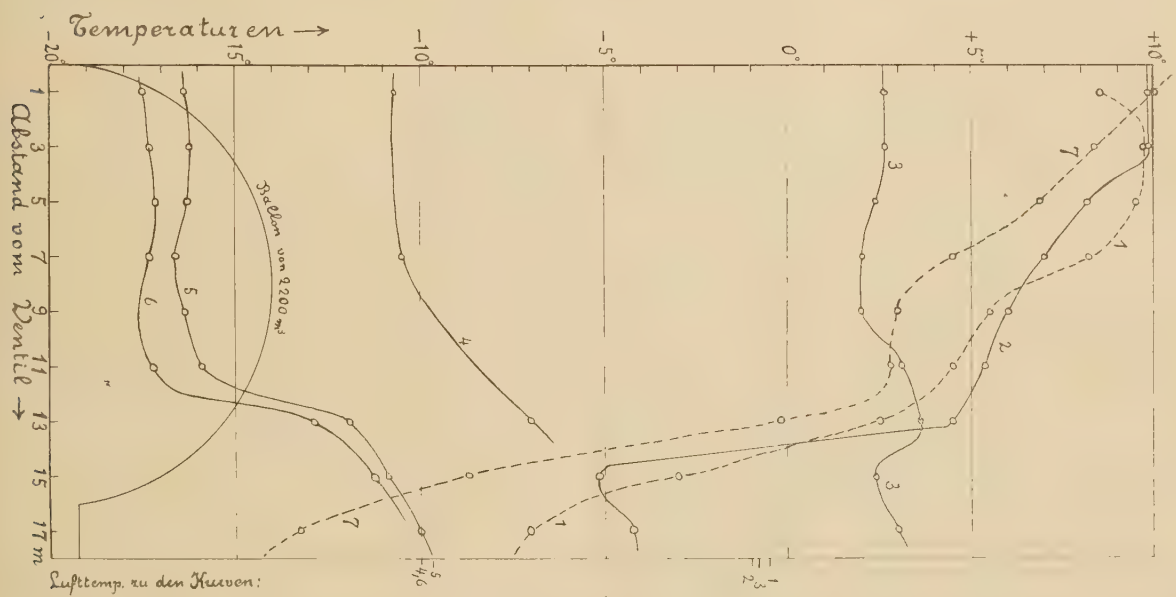
Tafel VII.

Es ist mir eine angenehme Pflicht, an dieser Stelle allen denen zu danken, welche mir die Ausführung dieser Untersuchungen ermöglicht haben. An erster Stelle gilt der Dank dem „Ostschweizerischen Verein für Luftschiffahrt", Sektion des Schweizerischen Aeroklubs, welcher die nötigen Fahrten organisiert hat und dazu grosse Opfer brachte. Die Stadt Zürich hat uns das Füllgas unentgeltlich abgegeben. Herr Givaudan stellte der Wissenschaft seine schöne „Azurea" in liebenswürdigster Weise zur Verfügung. Finanzielle Hilfe erhielt ich noch durch meinen Bruder, Herrn Dr. J. Piccard. Ferner danke ich meinen Führern und meinen Mitfahrern für alle ihre Bemühungen und für ihre grosse Geduld, und den Herren Direktor Maurer, Dr. de Quervain, V. de Beauclair und Hauptmann Messner für das meinem Unternehmen entgegengebrachte Interesse. Das Physikalische Laboratorium der Eidgenössischen Technischen Hochschule hat mir seine reichen instrumentellen Hilfsmittel zur Verfügung gestellt.

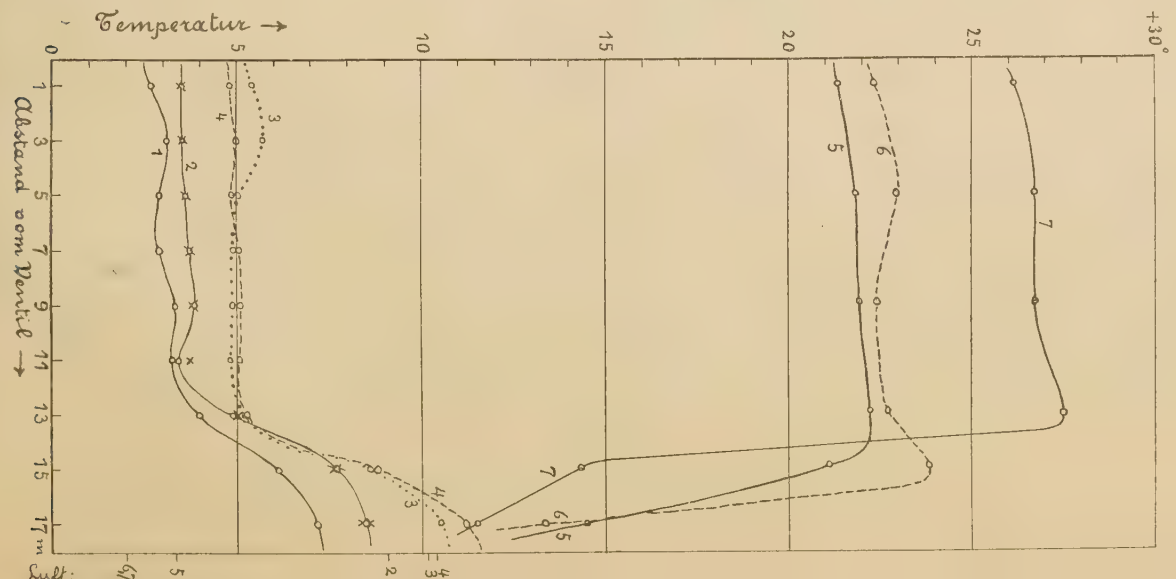
Tafel I.

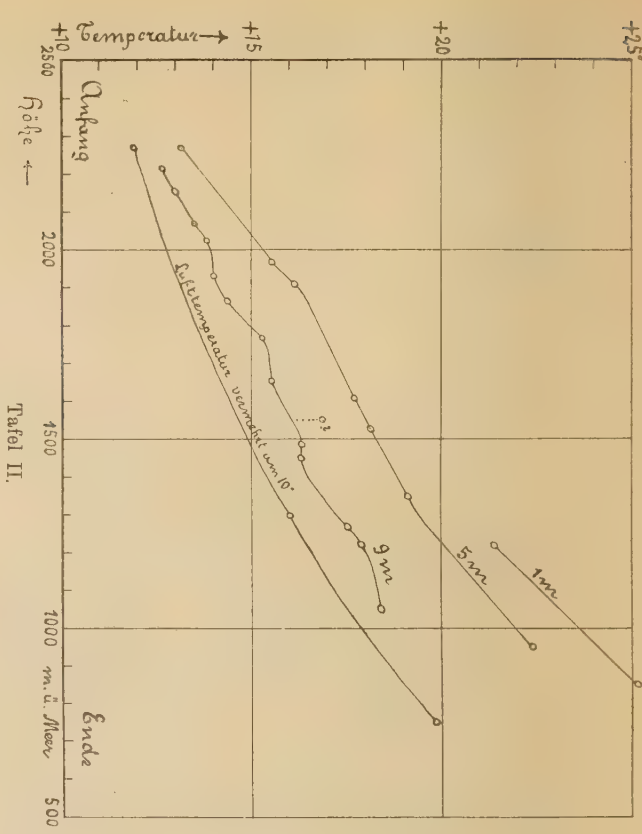


Tafel IV.

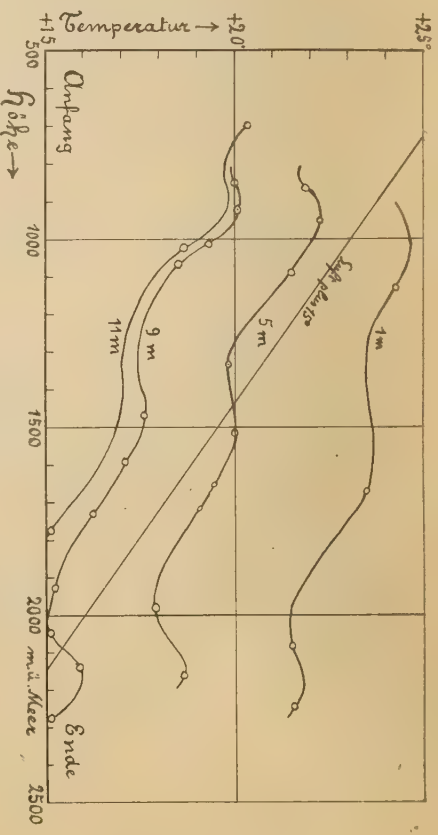


Tafel VI.

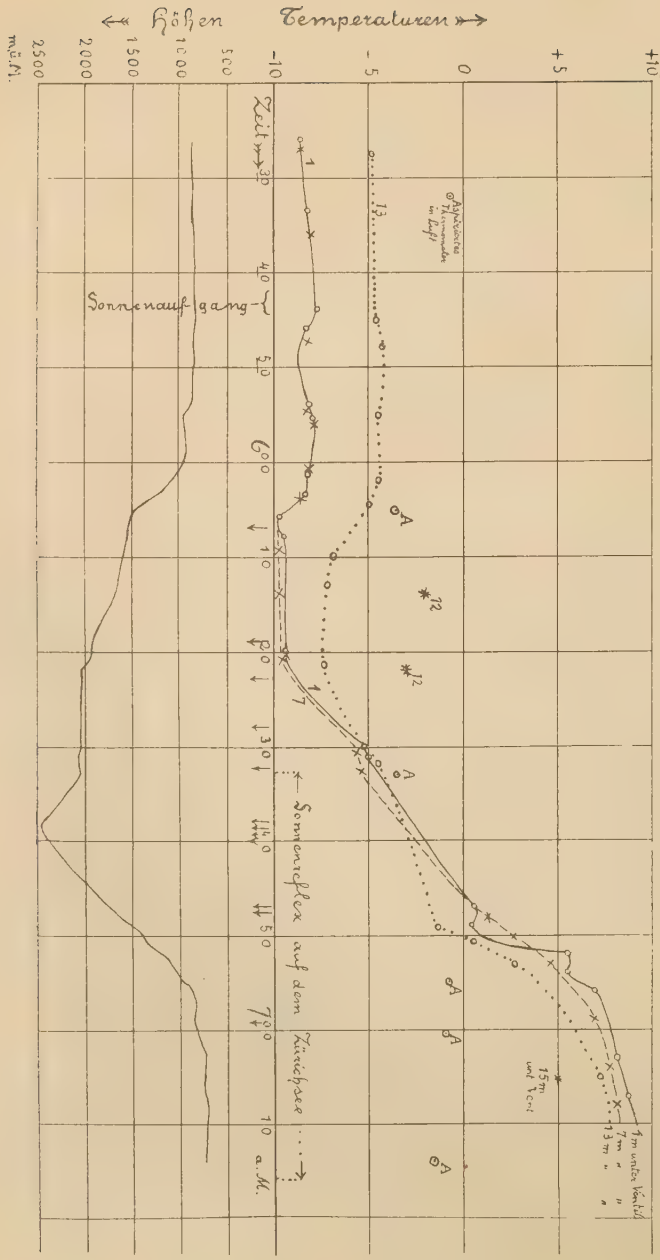




Tafel II.



Tafel III.



Tafel V.

Nr. 6.

Jahresbericht des schweizerischen Erdbebendienstes 1913.

1. Zur neuen Organisation.
2. Die 1913 in der Schweiz gespürten Erdbeben.
3. Die 1913 auf der schweiz. Erdbebenwarte bei Zürich aufgezeichneten Nahebeben.
4. Anhang: Die drei Tunnelbeben in Grenchen und ihre Bedeutung für die Kenntnis der wahren Geschwindigkeiten in den obersten Erdschichten.

Von **Dr. A. de Quervain.**

1. Zur neuen Organisation.

Das Jahr 1913 bildete ein gewisses Interregnum in der Organisation des schweizerischen Erdbebendienstes, insofern als mit 1912 die Publikationen der bisherigen Erdbebenkommission abschliessen [siehe den Schlussbericht des Vorsitzenden [1])], während der Bundesbeschluss, wonach der Erdbebendienst von der Schweizerischen meteorologischen Zentralanstalt übernommen wurde, sich bis zum 19. Dezember 1913 verzögerte. Das Gesetz trat erst am 1. April 1914 in Kraft. Dieses Zwischenjahr brachte aber keineswegs die vom Vorsitzenden der bisherigen Kommission mit Kummer angenommene Störung in der Sammlung und Bearbeitung des Materials. Vielmehr wurde die mit jedem Interregnum verbundene grössere Freiheit der Initiative ausgenützt zur Ausarbeitung und mehrfachen Erprobung einer neuen Organisation der makroseismischen Beobachtungen, wie sie sich dem Berichterstatter schon im Lauf einer achtjährigen Praxis als erstrebenswert ergeben hatte, und schon im Bericht für das Jahr 1910 (Seite 3) angedeutet ist. Die nähere Anlehnung an die bestehende umfassende Organisation der meteorologischen Beobachtungen erlaubte nun, die Durchführung vorzubereiten.

Den makroseismischen Berichten hatte bisher als Grundlage das vom Publikum spontan eingehende oder auf Zeitungsaufrufe hin eingesandte Material gedient, öfters ergänzt durch Erkundigungen der Kommissionsmitglieder; es lief im Lauf des Jahres nach und nach bei dem Sekretär der Kommission ein und wurde nachher auch ergänzt durch Anfragen des Bearbeiters — soweit Ergänzungen nach Jahresfrist überhaupt möglich sind!

Dies genügte zur Feststellung der Zahl und ungefähren Ausdehnung der Erdbeben, aber nicht mehr zur genauern Feststellung der Ausbreitung, die von jeher mit Hinsicht auf mögliche Beziehungen zu morphologischen und tektonischen Faktoren angestrebt wurde. Dazu kam nun auch die Notwendigkeit, diese makroseismischen Feststellungen mit Rücksicht auf die Diskussion und Verwertung der Apparataufzeichnungen zu präzisieren. Die neue Organisation musste ein homogeneres und umfassenderes Material schneller und direkter der Zentralstelle zuführen, welche dasselbe dann allerdings auch sogleich orientierend zu bearbeiten hatte.

Auf Grund von mannigfaltigen Versuchen und von ermutigenden mündlichen Auskünften, die mir Herr Direktor Angot in Paris über gute Erfahrungen mit ähnlichem Vorgehen in Frankreich machte, gelangte ich Ende 1913 zu folgendem Vorschlag für die künftige Gestaltung des makroseismischen Dienstes, der von der Direktion und meteorologischen Kommission denn auch stillschweigend gutgeheissen worden ist:

„1. Es sind in der ganzen Schweiz eine grössere Anzahl von Erdbebenkorrespondenten zu gewinnen, welche bezügliche Wahrnehmungen aus ihrer Gegend der Zentralanstalt sogleich provisorisch zu melden bereit sind. Diese Korrespondenten würden sich zusammensetzen aus sich bereit findenden bisherigen Kommissionsmitgliedern [2]), ferner aus sonstigen interessierten und geeigneten Personen, die uns schon in grösserer Zahl bekannt sind, besonders aber aus den Beobachtern der meteorologischen und pluviometrischen Stationen, welche auf eine bezügliche Meldepflicht ausdrücklich und periodisch wiederholt aufmerksam zu machen sind.“

[1]) Verhandlungen der Schweizerischen Naturforschenden Gesellschaft. 1914.

[2]) Es haben namentlich die Herren Bührer, Hess, Riggenbach und Tarnuzzer auf unsere Bitte ihre Mitarbeit fortgesetzt.

„2. Nachdem der Erdbebendienst der Zentralanstalt so über die Ausdehnung des jeweiligen Gebietes annähernd orientiert ist, hat derselbe (soweit es nötig scheint) nun an alle Gemeinden desselben an geeignete Stellen (Gemeindekanzlei, eventuell Lehrer oder Pfarrer, besonders wo diese unsere Beobachter sind) kurzgefasste Antwortkarten mit vorgedrucktem Antwortschema zu senden."

Zur Probe waren auf diese Weise, mit Unterstützung von Dr. Billwiller, vorher untersucht worden die Erdbeben von Glarus vom 6. Oktober, von Grenchen vom 2. und 11. November, ferner die ausgedehnten Graubündnerbeben vom 10., 22. und 30. Dezember.

Der Erfolg der Versuche, die verschiedenem Kopfschütteln begegnet hatten, war sehr gut. Die Amtsstellen, an die wir uns wandten, zeigten das erhoffte Interesse an diesem ausserhalb des Geschäftsbetriebs liegenden Gegenstand, und auch wo in derselben Gegend mehrere Erdbeben sich in wenigen Tagen folgten, wie in dem freilich von Herrn Tarnuzzer gut erzogenen Graubünden, gingen am Schluss mehr Antworten ein als am Anfang, ja es blieb kaum mehr eine Anfrage unbeantwortet.

Es war also möglich, diese Erdbeben genauer zu charakterisieren, als es mit der frühern Sammlungsweise je der Fall war. Die Intensitätskarten für die Erdbeben vom 2. November, 11. November und 10. Dezember finden sich im Anhang.

Dem Interesse einer schnellern Beantwortung und Bearbeitung dürften auch die neuen Fragekarten dienen, die an Stelle der bisherigen unübersichtlichen Fragebogen und wenig praktischen leeren Antwortkarten nach sorgfältigster Prüfung eingeführt wurden.

Es erscheint angebracht, den Text dieser neuen Fragekarten auch hier wiederzugeben:

Zürich, Datum des Poststempels.

Sehr geehrter Herr!

Wir ersuchen um Ihre freundliche Mitwirkung bei der uns amtlich übertragenen Feststellung der genauen Verbreitung der schweizerischen Erdbeben, speziell desjenigen vom ..... und bitten Sie, die Fragen der Antwortkarte nach Möglichkeit zu beantworten; besonders wichtig sind uns die beiden ersten, die z. B. durch Nachfragen in einer Schulklasse, oder in der Unterweisung ohne grosse Mühe mit ziemlicher Zuverlässigkeit beantwortet werden können. Wir bitten diese Anfrage, wenn nötig, dementsprechend an eine geeignete Persönlichkeit weiterzugeben, und die Antwort unter allen Umständen zurückzusenden (womöglich innert 8 Tagen). Verneinende Nachrichten sind für die Untersuchung ebensowichtig wie bejahende.

Die meteorologischen und Regenmess-Stationen sind gebeten, von sich aus nach Beobachtung eines Erdbebens ihre besondere Meldekarte so bald als möglich zurückzusenden.

Mit bestem Dank für Ihre Bemühungen

Hochachtungsvoll

Der Erdbebendienst der Schweiz. Meteorol. Zentralanstalt.

NB. 1. Bei Nachfragen ist zu berücksichtigen, dass leichtere Erdbeben, die bei den meisten unbeachtet bleiben, doch oft in den obersten Stockwerken hoher Häuser und von bettlägerigen schlaflosen Personen deutlich wahrgenommen, aber falsch gedeutet, oder aus Furcht, ausgelacht zu werden, nicht weiter berichtet werden.

2. Wenn Sie den Stand einer guten Uhr zur Zeit eines Erdbebenstosses zufällig genau (etwa auf die Sekunde) feststellen konnten, soll die Uhr sobald als möglich telephonisch mit uns verglichen werden (8 Uhr morgens bis 6 Uhr abends Telephon Nr. 2840, sonst Nr. 11168). Die Auslagen ersetzen wir gern. Eine solche Beobachtung ist höcht wertvoll.

(Antwortkarte.)

1. Wurde in ..... Gemeinde ..... bei .....
Kt. ..... am 19
ein Erdbeben beobachtet? Ja od. nein. Zeit: .... Uhr .... Min. .... Sek. vorm. / nachm.
a) allgemein? b) von vielen? c) von wenigen? d) ganz vereinzelt?
2. (Bei erwünschter Befragung z. B. einer Schulklasse, oder von Unterweisungskindern): Unter ca. ..... befragten Familien od. Personen ist es gespürt worden von ca. .....
3. Wurde es gespürt: vorwiegend nur in obern Stockwerken? auch im Erdgeschoss? auch im Freien? Event. stärker gespürt in welchem Gemeindeteil: z. B. am Berg? im Talgrund?
4. Art der Erschütterung: Stoss? Schaukeln? Zittern? Geschätzte Dauer ca. ..... Sek. Wie viele deutlich getrennte Stösse? ..... in welchen Zwischenräumen: ca. ..... Sek.
5. Stossrichtung? ....., bestätigt durch Bewegung von Gegenständen? .....
6. Wirkung auf Gegenstände und Gebäude; Geräusche: .....
7. Verhalten von Menschen und Tieren, merkwürdige Einzelheiten, Ergänzungen:

Unterschrift:

Bitte das Zutreffende unterstreichen!

Dieser Fragekarte entspricht eine im Besitz der Erdbebenkorrespondenten befindliche, sinngemäss ganz wenig abgeänderte Meldekarte, die nach jeder Meldung sogleich erneuert wird.

Zu den einzelnen Fragen ist folgendes zu bemerken: Bei der Zeitrubrik ist auf die Bemerkung des frühern Fragebogens: „womöglich nach Telegraphenuhr korrigiert", absichtlich verzichtet, weil sie den Bearbeiter im unklaren lässt, und doch in dieser Form kein brauchbares Resultat verspricht. Dagegen ist in der Zuschrift selbst unter NB. 2 auf die in diesem Fall einzig wertvolle Art der Zeitkontrolle verwiesen. — Die Stufen a bis d entsprechen den Graden 5 bis 2 der Forel'schen Skala, welche für diese Berichte beibehalten wird, auch aus dem Grunde, weil sie, wenn auch an sich revisionsbedürftig, in der Praxis für die Grade 5, 6, 7 besser abstuft, als die Mercalli'sche. Frage 2 bietet oft eine wertvolle Kontrolle über die Art der Einordnung unter a bis d. Diese beiden ersten Fragen scheinen für die bei uns häufigsten Grade 2 bis 5 überhaupt das zuverlässigste Mass für die Intensität zu geben; das Zufällige in der Beurteilung durch den einzelnen ist dabei mehr ausgeschlossen. Auch Frage 3 erlaubt eine weitere Beurteilung der Intensität und berührt auch mögliche Einflüsse des Untergrundes. Bei Frage 4 ist an verschiedene Einsätze mit Beziehung auf die Registrierung gedacht. Der knappe Raum bei Frage 6 berücksichtigt die Seltenheit stärkerer objektiver Wirkungen, bei deren Eintreten ja sehr wohl Nr. 7 benützt werden kann, oder briefliche Ergänzung, die dann ganz von selbst eintritt.

Was die mikroseismischen Beobachtungen betrifft, so wurde, wie der unter 3 unten folgende Abschnitt zeigt, auch ihre Gewinnung und Bearbeitung für 1913 durchgeführt, wenn auch hier notwendig auf Kosten der für andere Arbeiten bestimmten Zeit, da die bei der Uebernahme des Erdbebendienstes zugesagte Hülfskraft bis jetzt ausgeblieben ist.

2. Die im Jahre 1913 in der Schweiz gefühlten Erdbeben.

Zusammenfassung.

Im Jahre 1913 wurden im Gebiet der Schweiz 35 Erdstösse gespürt. Dieselben verteilen sich folgendermassen auf die Monate:

Jan.	Febr.	März	April	Mai	Juni	Juli	August	Sept.	Okt.	Nov.	Dez.
3	1	2	1	2	3	3	2	3	2	2	11

Davon fielen 19 in die Zeit der Ruhe (8 p bis 8 a) und 14 in die Zeit der Tätigkeit. Vier haben ihren Herd sicher, drei weitere möglicherweise ausserhalb der Schweiz. Von diesen Erdstössen war der beachtenswerteste derjenige vom 20. Juli, welcher, wiederum von der schäbischen Alb ausgehend, fast die ganze Schweiz erschüttert hat. Unter den autochthenen Erdbeben waren wegen der Frage des Zusammmenhanges mit dem Tunnelbau ganz besonders interessant die drei Erdbeben von Grenchen vom 1. Juni, 2. und 11. November. Sie haben deshalb im Anhang eine besondere Darstellung gefunden. Ferner sind hervorzuheben die schon oben erwähnten Graubündner Erdbeben im Dezember, die sich als Erdbebenschwarm noch weit ins folgende Jahr fortsetzten, und dort nochmals im Zusammenhang darzustellen sind.

Einzelne Erdbeben.

1. Am 4. Januar zwischen 2 und 3 Uhr früh wurden „in Konstanz und andern Orten der Seegegend (Zeitungsmeldung!) zwei ziemlich kräftige Erdstösse von einigen Sekunden Dauer gespürt. Grad 2 bis 3.

2. Am 15. Januar ist kurz nach 7 Uhr morgens im Simmental (Berner Oberland) ein „ziemlich heftiger Erdstoss“ verspürt worden. (Zeitungsnotiz.)

3. Am 28. Januar um 11 Uhr nachts wurde in Payerne von verschiedenen Personen ein leichter Erdstoss gespürt. Die Richtung wird verschieden angegeben. Grad 3.

4. Am 27. Februar um $4^h\,16^m$ morgens wurde im ganzen Markgräfler Land (Baden), sowie in Sulzburg, Britzingen und Buggingen „heftige“ (Zeitungsmeldung!) Erdstösse gespürt. Die Erschütterung wurde auch noch auf schweizerischem Gebiet in Laufenburg (Aargau), deutlich wahrgenommen; selbst aus Zürich liegen noch einige Meldungen vor; eine vereinzelte auch aus Kilchberg bei Zürich. Für letztere Gegend ist Grad 2 anzunehmen. Registriert auf unserer Erdbebenwarte.

5. Am 9. März um $5^h\,49^m$ abends wurde auf dem Grossen St. Bernhard ein leichtes Erdbeben gespürt, Dauer ca. 2 Sekunden, Richtung scheinbar N–S nach der Art, wie der Beobachter im Stuhl geschaukelt wurde. Die Erschütterung wurde auch im Tale von Aosta gespürt, ebenso in Martigny, und zwar hier schwächer noch als auf dem Hospiz. Grad 2. Registriert auf unserer Erdbebenwarte, ebenso in Neuchâtel, Strassburg und Hohenheim. Das italienische Bulletin enthält nichts.

6. Am 21. April um $9^h\,25^m$ abends wurde in Käpfnach und Horgen (a. Zürichsee) ein ziemlich starker Erdstoss gespürt, der übereinstimmend als senkrecht von unten kommend, mit wenigen Sekunden Dauer geschildert wird. In Käpfnach liefen die Leute auf die Strasse. Von verschiedenen Seiten wurde ein Einsturz im Käpfnacher Braunkohlenbergwerk vermutet; nachgewiesen ist aber nichts. — Im Maximum Grad 4 bis 5. In Zürich keine Spur von Registrierung.

7. Am 21. Mai abends $11^h\,20^m$ ca. 40^s wurde in S^{ta} Maria (Münstertal, Graubünden) ein ganz kurzer Erdbebenstoss wie ein Schlag von unten wahrgenommen, an dem ziemlich viele Leute erwachten; ein Aechzen des Gebälkes wurde beobachtet. Grad 4.

8. Am 22. Mai früh um $0^h\,46^m$ ca. 30^s wurde wiederum in S^{ta} Maria ein zweiter Stoss gespürt, z. T. als von unten kommend, z. T. mit Richtung SW–NE beschrieben, der wiederum manche Leute weckte. Grad 4. (Vom 21.—24. Mai werden diese und andere Erdstösse gemeldet für das benachbarte Vintschgau).

9. Am 1. Juni um $1^h\,56^m$ mittags wurde in Grenchen bei Solothurn von zahlreichen Personen ein Erdstoss gespürt. Näheres über dieses merkwürdige Erdbeben findet sich bei der unten folgenden besondern Besprechung der Erdbeben vom 2. und 11. November vom gleichen Orte. Grad 3 bis 4. Registriert in Zürich.

10. Am 2. Juni um $1^h\,45^m$ mittags wurde in Vissoie von den verschiedenen Angestellten des Elektrizitätswerks ein ziemlich starker Erdstoss gespürt. Ein leichterer Stoss soll am gleichen Abend um 7 Uhr bemerkt worden sein, ein stärkerer wiederum am 3. Juni um 3 Uhr morgens.

Am 14. Juni wird für $1^h\,30^m$ mittags von einer einzelnen Beobachterin in Vevey die Wahrnehmung einer wellenförmigen Bewegung gemeldet. Ein Zeitungsaufruf durch Herrn Bührer hat keine Bestätigung erbracht. Das sehr starke Beben von Tirnowo (Balkan), auf welches die Betreffende sich selbst bezieht, hatte bei uns sein registriertes, allerdings sehr starkes Maximum ($330\,\mu$) schon um $10^h\,40^m$ sein Ende um $11^h\,30^m$.

11. Am 18. Juni um $9^h\,56^m\,16^s$ abends (Zeit kontrolliert?) wurde von einem einzelnen Beobachter in Zizers bei Chur im Turm des Johannesstiftes eine Erderschütterung von angeblich 1 Minute Dauer wahrgenommen. Die Richtung schien N–S zu sein, der Stärkegrad wurde auf 3 geschätzt.

12. Am 14. Juli um $12^h 43^m 09^s$ (korrigiert!) nachts erwachte der Berichterstatter in Zürich am Klappern einer leicht beweglichen Schranktüre; eine zweite ähnliche Meldung aus Zürich und eine weitere aus Bülach liegen vor. Es handelt sich um die Ausläufer eines Bebens in der schwäbischen Alb; dasselbe wurde auch im Ebinger Schwarzwaldkreis gespürt. Grad 1 bis 2. Registriert auf der Erdbebenwarte.

13. Am 20. Juli um $1^h 07^m$ mittags wurde **der grösste Teil der Schweiz** erschüttert durch ein Erdbeben, das seinen Herd wiederum in der **schwäbischen Alb** hatte, und welches das stärkste Nachbeben seit jenem vom 16. November 1911 war.

Es sind uns zugekommen aus dem Kanton Zürich 86 Meldungen, St. Gallen 28, Appenzell 5, Thurgau 15, Schaffhausen 14, Basel 7, Aargau 12, Glarus 6, Graubünden 11, Schwyz 2, Luzern 6, Zug 1, Bern 5(!), Waadt 10, Tessin 1, ausser den 35 Meldungen unserer meteorologischen und Regenmess-Stationen.

In der Nordostschweiz wurde das Erdbeben ganz allgemein wahrgenommen, also mit Grad 5, jedoch entschieden schwächer als am 16. November 1911.

Für alle Einzelheiten muss verwiesen werden auf die offizielle Publikation des Bureaus der Internat. seism. Assoziation in Strassburg, welches die umfassende Bearbeitung dieser beiden Erdbeben auf sich genommen, und sich auch das gesamte schweizerische Material zur Bearbeitung erbeten hat. Bedauerlicherweise liegt diese bedeutsame Arbeit, die abgeschlossen ist, infolge des Krieges bisher noch nicht publiziert vor; doch wurde uns durch Direktor Hecker in die Korrekturbogen des mikroseismischen Teils in entgegenkommender Weise bei Abschluss dieses Berichtes Einsicht gegeben. Als Koordinaten des Herdes ergibt sich darnach (für beide Beben übereinstimmend): $48° 19' \pm 4'$ N und $9° 10' \pm 3\frac{1}{2}'$ E (also sehr nahe dieselben, wie in unserer provisorischen Annahme $48° 22'$ N und $9° 13'$ E).

Das wichtigste Ergebnis dieser Untersuchung ist wohl die Erkenntnis, dass man bei Nahebeben nicht mehr mit elastischer Isotropie der Erdrinde rechnen dürfe. Demgemäss sind die ersten Vorläufer hier nicht mehr als reine Longitudinalwellen aufzufassen; es darf auch nicht mehr erwartet werden, dass der nachfolgende Einsatz den Transversalwellen entspricht. Es scheinen vielmehr zwischen P und M vier bis fünf besondere Wellenzüge aufzutreten. Auch die Deutung der beiden Wellenzüge P und P_1, in welche die ersten Vorläufer sich von einer Entfernung von $d = 160$ km an spalten, wird wieder zweifelhaft. Jedenfalls aber haben beide vorwiegend longitudinalen Charakter. Die Aufzeichnungen unserer Erdbebenwerte leisteten bei der vorliegenden Untersuchung wesentliche Dienste.

14. Am 28. Juli um $3^3/_4$ Uhr nachmittags wurde in Urnäsch (Appenzell) ein leichter Erdstoss in der Richtung W–E gespürt. Grad 1 bis 2.

15. Am 1. August um $4^3/_4$ Uhr nachmittags wurde wiederum in Urnäsch eine leichte Erderschütterung bemerkt; die Meldung rührt wiederum von einem einzigen, zuverlässigen Beobachter her. Grad 1 bis 2.

16. Am 17. August um $4^h 37^m$ nachmittags wurde in Flurlingen bei Schaffhausen ein Erdstoss beobachtet.

17. Am 28. September um $8^h 11^m$ morgens wurde in Avers-Cresta (Graubünden) ein kurzer Erdstoss gespürt, 3—4 Sekunden dauernd, scheinbar vertikal. Geschirr und Fenster klirrten. Grad 4.

18. Am 29. September soll in San Vittore ein leichtes Erdbeben verspürt worden sein, Richtung W–E, mit starkem unterirdischem Getöse (Meldung des „Bündner Tagbl." vom 7. Oktober: „am Montag vor 8 Tagen"; keine Angabe der Stunde).

19. Am 30. September um $5^h 15^m$ morgens wurde in Kulm (Aargau) von zwei Personen im gleichen Haus zwei kurze, ziemlich heftige und rasch aufeinanderfolgende Erdstösse gespürt. Wände und Dachgebälke krachten; voran ging unterirdisches Rollen. Die Richtung schien W–E zu sein. Stärke 3 Grad. Anderweitige Angaben fehlen merkwürdigerweise.

20. Am 6. Oktober um $11^h 50^m$ abends wurde im südlichen Teil des Kantons Glarus ein Erdbeben gespürt. Als Resultat unserer Nachfrage bei den Gemeindepräsidenten sämtlicher politischer Gemeinden des Kantons und einigen Privaten ergibt sich folgendes über die Verbreitung der Erschütterung:

Die nördliche Grenze bildet das Klöntal und der Ort Glarus, wo die Bewegung nurmehr von wenigen wahrgenommen wurde. Nördlich davon lauten alle Berichte negativ, auch aus dem Wäggital, südlich auch noch von Ennenda und Mitlödi.

Von hier an lauten die Angaben bejahend in einer Folge bis Linthtal hinauf, aus den Ortschaften Sool, Schwanden, Haslen, Läuggelbach, Luchsingen, Hätzingen, Diesbach, Betschwanden, Rüti, Braunwald, Linthal. Die Gegend stärkster Erschütterung liegt zwischen Hätzingen und Linthal, in welcher Zone die Erschütterung von vielen oder selbst von allen wahrgenommen worden ist, also mit Grad 5.

Aus dem Sernftal liegt von Engi keine Antwort vor, aus Matt eine verneinende, nur aus Elm eine bejahende, ebenso noch von der Rheintalseite aus Flims. Verneinend lautet wiederum die Antwort aus Brigels. Dagegen will man, einer Zeitungsmeldung zufolge, den Stoss in dem weitentfernten Bergün noch gespürt haben. Registriert auf der Erdbebenwarte Zürich, jedoch mit verwunderlich geringer Intensität.

21. Am 14. Oktober um $10^h 3^m$ vormittags wurde in Mels (Graubünden) ein 4—5 Sekunden dauernder Erdstoss gespürt; die Fenster klirrten. (Zeitungsmeldung.) Grad 3 bis 4.

22. Am 2. November wurde um $2^h 50^m$ früh in der Gegend von Grenchen ein starkes Erdbeben gespürt. Siehe unten den Anhang.

23. Am 11. November wurde um $8^h 59^m$ morgens wiederum in der Gegend von Grenchen ein starkes Erdbeben gespürt. Siehe unten den Anhang.

24. Am 10. Dezember um $2^h 40^m$ nachmittags wurde in Montreux und Umgebung ein ziemlich kräftiger Erdbebenstoss gespürt, über welchen Herr C. Bührer, der sich um die Feststellung der Tatsachen speziell bemüht hat, folgendes mitteilt:

Schon $10^h 20^m$ a ist ein schwacher Stoss, von einer Person gemeldet (eine bettlägerige Kranke) worden.

$2^h 40^m$ p ein senkrechter Stoss (von einigen Personen wurden mir 2 unmittelbar folgende Stösse angegeben). Stärke 4 bis 5 Grad, mit explosionsartigem Knall, von NW her. Der Fussboden schien sich unter den Füssen mehreremal zu heben und zu senken. Viele Leute verliessen ihre Wohnungen, um sich nach der Ursache oder dem Ort der Explosion zu erkundigen; der Gedanke an ein Erdbeben kam erst nachher, als keine Explosion festgestellt werden konnte.

Das Schüttergebiet umfasste, Montreux als Zentrum, die umliegenden Dörfer in nächster Nähe. In Vevey war die Erschütterung sehr schwach und von wenigen Personen bemerkt, in Villeneuve noch deutlich spürbar. In der Rhoneebene und weiter hinaus als Vevey wurde nichts beobachtet. (Negativer Bescheid aus Aigle, Châtel, Bex, Monthey, Martigny.) Die ganze Erscheinung glich in Intensität und Ausbreitung dem Beben vom 5. Juni 1910.

25. Am 10. Dezember um $11^h 10^m$ nachts wurde ein **grosser Teil des Kantons Graubünden** durch ein Erdbeben erschüttert, dessen Mittelpunkt etwa 10 km südsüdwestlich von Chur zwischen dem Domleschg und der Lenzerhaide lag. Das Gebiet stärkster Erschütterung, wo das Erdbeben allgemein bemerkt wurde (Grad 5), hatte nordsüdwärts eine Erstreckung von 50 km, westöstlich von 30 km. Die grösste Ausdehnung des fühlbar erschütterten Gebietes betrug rund 80 km. Es gingen im ganzen 107 Berichte ein, wovon der grösste Teil Antworten auf die Fragekarten, die wir den Präsidenten der politischen Gemeinden sogleich nach den ersten Nachrichten zugesandt hatten. Diese zahlreichen und verhältnismässig homogenen Berichte erlaubten den Versuch, eine Karte der Intensitäten zu entwerfen, wie sie im Vergleich mit einer analogen Karte für die Grenchener Erdbeben auf Tafel II abgebildet ist.

Dieses Erdbeben war das erste einer Reihe von Erschütterungen, welche in Zwischenräumen von wenigen Wochen ungefähr das gleiche Gebiet trafen. Die zweite Hälfte fällt aber schon in das Jahr 1914, so dass dort dieser Erdbebenschwarm als Ganzes nochmals behandelt werden wird. Das Beben wurde in Zürich registriert.

26. Am 21. Dezember um $3^h 25^m$ nachmittags wurde in Flims ein kurzer Erdstoss wahrgenommen, der die Dielen krachen machte. Grad 3.

27. Am 21. Dezember $6^h 30^m 35^s$ abends will ein vereinzelter Beobachter in Zürich einen leichten Erdstoss gespürt haben. Die Apparate zeigten nichts.

28. Am 22. Dezember, ungefähr früh $12^h 55^m$ sind in Lausanne in ein und demselben Haus zur gleichen Zeit ohne ersichtlichen Grund zwei Uhren stehen geblieben, ebenso eine Pendeluhr in Clarens, vermutlich um die gleiche Zeit. Für denselben Tag erschien in der Zeitung eine Erdbebennotiz ohne Angabe der Stunde.

29. Am 22. Dezember um $12^h 38^m$ und einigen Sekunden (Dr. Tarnuzzer) mittags wurde zum zweitenmal das **Graubündner Gebiet** erschüttert, in ähnlichem, aber noch etwas grösserem Umfang und mit ähnlicher Intensität wie am 10. Dezember. Es gingen im ganzen 121 Berichte ein, fast alles Antworten auf unsere Fragekarten, ausserdem für dieses wie die andern Beben zahlreiche Zeitungsmeldungen. Dieselben erlauben folgende Feststellungen:

Das Maximum der Erschütterung wurde erreicht im Domleschg in der Gegend von Rothenbrunn, etwa mit Grad 6; dort verliessen manche Personen im Schrecken das Haus.

Dasselbe wird auch von Kästris und Thusis gemeldet.

Von weitern Wirkungen wird gemeldet: Aus Ems einige kleine Risse im Verputz; aus Tomils „respektable Risse", Herabfallen aufgehängter Gegenstände und Erschrecken von Tieren; letzteres auch von andern Orten. In den Felsen bei Parpan wurden Gemsen, die im Fernrohr beobachtet wurden, sofort flüchtig. — Sehr beachtenswert ist die öftere Angabe von 2 Stössen auch in dem herdnahen Gebiet, so Thusis: mit kurzem Zwischenraum; Versam: mit 2 Sekunden Zwischenzeit; Tomils: rasch aufeinander; Parpan: 1—2 Sekunden Zwischenzeit; Zillis: mit 3—4 Sekunden Zwischenzeit; Fläsch: kurz aufeinanderfolgend. Vielleicht handelt es sich hier um die aufeinanderfolgende Ankunft von Longitudinal- und Transversalwellen; dann wäre ein Schluss auf die Herdtiefe möglich; diese würde sich von der Grössenordnung von 10—20 km ergeben.

Das Gebiet mit Grad 5 erstreckte sich diesmal ziemlich viel weiter das Vorder-Rheintal hinauf, bis gegen Surrhein, statt nur bis gegen Ilanz. Das Gebiet der fühlbaren Erschütterung reichte diesmal südwärts bis Castasegna und Braggio, statt nur bis Avers-Cresta; und nordwestwärts, statt nur bis in einen Teil des Kantons Glarus, nun über diesen ganzen Kanton hin bis Lachen am Zürichsee. Es betrug also die grösste Erstreckung des Gebietes 110 km. Die Begrenzung nach N, E und SE änderte sich nicht wesentlich.

Die Erschütterung wurde auch noch ganz vereinzelt in Thun von einer Kranken (der Mutter des Berichterstatters) wahrgenommen als zwei getrennte Stösse. Registriert in Zürich.

30. Am 23. Dezember abends $11^h 20^m$ wurde in Winterthur von einem einzelnen zuverlässigen Beobachter ein vertikaler Stoss gespürt.

31. Am 24. Dezember wurden gegen Mitternacht von einzelnen Leuten in Küblis (Prättigau) noch ein Erdstoss gespürt.

32. Am 26. Dezember früh in der Nacht wollen in Tomils verschiedene Bewohner wieder ein schwaches Beben beobachtet haben.

33. Am 30. Dezember um $11^h 10^m$ abends fand das **dritte grosse graubündnerische Erdbeben** dieses Jahr statt, mit dem Epizentrum wiederum, wie in den vorhergehenden Fällen, südsüdwestlich von Chur, in der Gegend des Domleschg.

Es gingen 52 Berichte ein. Die Ausdehnung war ungefähr wie die vom 15. Dezember, eher etwas kleiner; so wurde diesmal nur ein kleiner Teil des Glarnerlandes (Elm) einbezogen. Die Intensität scheint auch ziemlich viel kleiner gewesen zu sein; immerhin herrschte im ganzen Domleschg der Grad 5, wie auch noch an einigen andern Punkten, nördlich von Chur und im Schanfigg. Bei diesen wie bei den vorhergehenden Beben dieses Erdbebenschwarms scheint die nordsüdliche Ausdehnung des Gebiets mit diesem Stärkegrad eine Tatsache zu sein; ja vielleicht sogar ein sekundäres Zunehmen der Intensität nördlich von Chur. Auffallend ist die enge Eingrenzung des Schüttergebiets sowohl gegen das Safiental zu, wie gegen das Oberhalbstein und das untere Davos; hier mag der oberflächliche tektonische Bau (das Auftreten der ostalpinen Decke) mitspielen. Was sonst noch an einigen Orten mitspielt, z. B. im Gebiete der Lenzerhaide, ist eine erhebliche Gleichgültigkeit unsern Fragen gegenüber, wohl mitbedingt durch den Wintersaisonbetrieb. Im allgemeinen aber haben wir uns über die Bereitwilligkeit zur Auskunfterteilung nur zu bedanken.

34. Am 31. Dezember, merkwürdigerweise schon wiederum $11^h 10^m$ nachts, wurde in Chur vor der Stadt in verschiedenen Häusern von Bewohnern oberer Stockwerke wiederum ein Bebenstoss gespürt. Kinder im zweiten Stock wurden aus dem Schlaf geweckt. Grad 3—4.

3. Die auf der Erdbebenwarte bei Zürich 1913 registrierten Nahebeben.

Die Bearbeitung und Darstellung dieser Registrierungen geschah wie im Vorjahr. Und wie schon dort bemerkt, bestätigte das neue Jahr sowohl den Wert der bisherigen Apparate im Rahmen ihrer Leistungsfähigkeit, wie die Notwendigkeit, die Aufstellung noch ganz wesentlich empfindlicherer Apparate sobald als möglich an die Hand zu nehmen. Zur Zeit der Abfassung dieses Berichts liegt schon ein bezüglicher, auf Grund der Anträge des Berichterstatters gefasster, prinzipieller Beschluss der meteorologischen Kommission vor, ebenso wie eingehende Vorstudien in Gemeinschaft mit Dr. A. Piccard.

Die Apparatkonstanten für 1913 im Mittel gut übereinstimmender Bestimmungen waren:

	Bosch-Mainka 450 kg-Pendel		Spindler & Hoyer-Wiechert'scher Vertikalapparat 80 kg
	Nord-Süd-Komp.	Ost-West-Komp.	Vertikal-Komponente
Vergrösserung	127	182	107
Eigenperiode	5.1	5.0	4.0
Dämpfung	2.7	2.0	4.1
Reibung	0.7	0.9	0.8
Registriergeschwindigkeit pro Minute	ca. 30 mm	ca. 30 mm	ca. 30 mm

Der Berichterstatter widmete der Ueberwachung der Erdbebenwarte 40 halbe Tage, Dr. Billwiller 24. (Der längere Aufenthalt in den immer noch sehr feuchten Räumen hatte bei erstern verschiedene Erkältungen, bei letzterm dauernde rheumatische Schädigung zur Folge.)

Zur Vermeidung von Störungen mussten zahlreiche Gesuche um Besichtigung der Erdbebenwarte durch Schulen etc. mit Bedauern abgelehnt werden.

Es wurden überhaupt nur Besucher in Begleitung eines Beamten der Zentralanstalt zugelassen, meist Studierende und Fachleute. Am 24. November fand eine Besichtigung statt durch unsern Departementschef Bundesrat Calonder und durch eine Kommission des Nationalrates unter dem Präsidium von Herrn Prof. Chuard.

Die Apparate waren dauernd in Funktion. Auch dies Jahr störte oft das Aussetzen des Zeitkontaktes, ohne dass für das Uebel eine sicher vermeidbare Ursache sich ergab. Die geringe Dämpfung der Horizontalkomponenten, für höhere Perioden entschieden zu klein, stört bei den meist weit unter der Eigenperiode des Apparates bleibenden Perioden der Nahebeben kaum. Die auffallend verschiedene Vergrösserung der Horizontalkomponenten hängt mit dem Wunsch des Konstrukteurs zusammen, am Dämpfungshebel ein gewisses, womöglich 4:1 nicht überschreitendes Vergrösserungsverhältnis einzustellen. Die Vergrösserung für den Vertikalapparat gilt vom 13. Juni an; vorher war sie auf einen un-

genügenden Betrag eingestellt. Nach Einstellen auf die stärkste Vergrösserung hat das Vertikalinstrument wiederholt sehr gute Dienste geleistet, namentlich für die Bestätgung von Phaseneinsätzen.

Eine wesentliche Aenderung wurde in der Vergleichung der Kontaktuhr ausgeführt. Die Untersuchung des Nahebebens vom 1. Juni hatte zu der Forderung grösserer Zeitgenauigkeit geführt. Dieser konnte durch das Entgegenkommen der eidgenössischen Sternwarte in der Weise entsprochen werden, dass vom 29. Juli 1913 an der telephonisch-chronographische Uhrvergleich mit Herrn Assistent Broger nicht mehr wöchentlich, sondern täglich um 12 Uhr gemacht wird. Es darf nun angenommen werden, dass seither die definitiven Stände der Kontaktuhr auf + 0.1 bis 0.2^s genau interpoliert werden können. Nur wenn längere Regenperioden die Zeitbestimmungen der Sternwarte für Wochen verhindern, dürfte die Unsicherheit etwas grösser werden. Treffen in eine solche Zeit Erdbeben, deren Einsatz sofort an fremde seismologische Observatorien gemeldet werden muss (wie es z. B. am 20. Juli der Fall war), so kann die Unsicherheit der Extrapolation die volle Sekunde übersteigen. Für solche Fälle ist es erwünscht, auch ein drahtloses Zeitsignal benützen zu können; in unserm Fall z. B. Paris, dessen schon jetzt teilweise rückversichertes Zeitsignal im allgemeinen auf wenige Zehntelssekunden richtig ist.

Im engen Zusammenhang mit der Frage der Zeitgenauigkeit wurde im Dezember eine Untersuchung über die Genauigkeit der Interpolation zwischen den Minutenzeichen bei den gegenwärtigen Triebwerken angestellt. Im Mittel ergab sich der Fehler einer solchen Interpolation zu ± 0.2^s; die grössten gelegentlichen Fehler sind 0.4^s bis 0.5^s. Dabei ist die mittlere Veränderung der Minutenlänge von einer Minute zur andern 2.8 %. Die entsprechenden Werte für ein neues von Bosch konstruiertes Triebwerk, dessen Registrierungen mir von Herrn Mainka zur Untersuchunp übersandt wurden, betrugen: Mittlerer Interpolationsfehler ± 0.07^s; grösste vorkommende Fehler 0.15^s bis 0.20^s. Dieses Triebwerk, das wir leider noch nicht anschaffen konnten, genügt also auch den strengen Anforderungen, die für Herdtiefenbestimmung und Phasenidentifizierung bei Azimutbestimmung sehr naher Beben zu stellen sind. Den für diese Versuche nötigen Komparator verdankte ich dem Entgegenkommen von Herrn Prof. P. Weiss von unserer Techn. Hochschule.

Für die Ausmessung der Diagramme gelten die Angaben des Vorjahres. Auch diesmal dürfte auf diese Arbeit alle nur mögliche Kritik und Sorgfalt verwendet worden sein, wobei mich wiederum Herr Dr. Billwiller unterstützte. Eine besondere Erwähnung erfordert die Phasenbezeichnung S. Sie bedeutet hier denjenigen Einsatz, den wir zur Distanzberechnung nach der Conrad'schen Formel verwendet haben. Die Natur dieses Einsatzes ist ja wohl noch sehr zweifelhaft. Vergleiche oben unterm 20. Juli.

Bei dem sehr wünschenswerten Vergleich unserer Aufzeichnungen mit andern Erdbebenwerten konnte für die Nahebeben Strassburg, Hohenheim und Moncalieri herangezogen werden, deren Entfernung von unserer Erdbebenwarte beiläufig 145, 155 und 270 km beträgt. Wie die unten bei den einzelnen Erdbeben gemachten Angaben zeigen, scheinen dort öfters die „S"- oder M-Phase an Stelle der fehlenden P gesetzt zu sein.

Die Aufstellung eines dem unsrigen gleichen Horizontalpendels in Hohenheim wird die Vergleiche zukünftig um so brauchbarer machen für gewisse Schweizerbeben, die in Strassburg selbst vom 2000 kg-Pendel nicht mehr aufgezeichnet werden. Für die Ermittlung der erschütterten Gegend leistete mehrtach das italienische Bolletino meteorico gute Dienste. Besonders wertvoll für die Bearbeitung der drei Tunnelbeben von Grenchen (siehe Anhang) waren uns die Registrierungen des Seismographen der Sternwarte Neuenburg (kleineres Modell 130 kg des Mainkaapparates), die uns in dankenswerter Weise von Herrn Direktor Arndt zur Bearbeitung überlassen wurden, und die in die folgende Tabelle aufgenommen sind.

Besonders muss noch die Verwendung unserer Diagramme für die internationale Bearbeitung der mitteleuropäischen Beben vom 11. November 1911 und 20. Juli 1913 erwähnt werden. Die P sind für letzteres, wegen anderer Auffassung über den Ort der Minutenlücke in dem sehr bewegten Diagramme, in der offiziellen Bearbeitung 1 bis 2 Sekunden früher angesetzt als in der unsrigen. Eine erneute Prüfung erlaubt keinen sichern Entscheid; erst ein besseres Triebwerk wird solche Zweifel beseitigen.

Eine Frage von ziemlicher prinzipieller Wichtigkeit erhob sich, als bei einigen Beben (namentlich 6. Oktober, 30. Dezember) die Registrierung im Verhältnis zu der Intensität des Bebens sich als merkwürdig schwach erwies: ob nämlich nicht der im Süden unweit der Erdbebenwarte sich hinziehende tiefe Einschnitt des sog. Elephantenbachtobels den direkt ankommenden Wellen den Weg versperre. Aber gerade gegen den Churer und Glarner Herd hin (Richtung S 39° E) ist der tiefste Winkel nur — 3°, während er gegen S auf — 8.5° und gegen S 18° W auf — 11.5° ansteigt; weiter westlich nimmt er sogleich wieder zu und beträgt gegen W noch — 6.5°. Die südöstlichen Nahebeben sind also jedenfalls nicht mehr beeinträchtigt als andere.

Zürich 1913. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein.

Datum	Phase	M. E. Zeit	Periode	Amplitude N	Amplitude E	Amplitude V	Epizentral-entfernung berechnet	Bemerkungen
			s	μ	μ	μ	km	
Febr. 13.	e P? N	$17^h\,40^m\,56.8^s$	1.2	0.4			ca. 325	Moncalieri hat P $40^m\,50^s$, Hohenheim hat i P $41^m\,13^s$, Strassburg hat i P $41^m\,42^s$, demnach lag der Herd jedenfalls im Süden (wie 21. Juli, s. unten?), und die Angabe i P bei Strassburg kann nicht zutreffen.
	E	57.3	0.9					
	i N	41 17.0						
	E	16.8						
	S? N	36.2						
	E	37.7						
	i M_1 N	52.0	0.9 u. 2.1	2.4				
	E	50.9	0.5 u. 2.3		1.1			
	M_2 N	59.8	1.9	2.0				
	E	58.8	1.7		2.1			
	F	ca. $43^m\,30$						
Febr. 27.	e P N	* ca. $4^h\,16^m\,0^s$		Spur!			85	* Kein Zeitkontakt. Anfangszeit nach Strassburg annähernd angesetzt. Dort i P $4^h\,16^m\,11^s$, Max. $16^m\,23^s$. Epizentrum im Markgräfler Land (S. makroseism. Bericht); auch in der Nordwestschweiz gespürt. — Entfernung ca. 90 km, W 30° N.
	E	16 0			Spur!			
	i S N	9 6	0.8					
	E	10 0						
	i M N	11 3	0.5	2.4				
	E	11 5	0.5		2.8			
	F	ca. 70						i S und i M sind sehr deutlich unterschieden. e P ist zunächst kaum zu erkennen.
März 9.	. P N	$17^h\,49^m\,58.8^s$	0.5	0.4			208	Gespürt auf dem gr. St. Bernhard, in St. Maurice und im Aostatal. Entfernung bis St. Bernhard 198 km, ca. S 33° W.
	e E	58.7						
	i! S N	50 23.8						
	E	23.6						Auch in Strassburg registriert, ohne Herdangabe: P? $17^h\,50^m\,16^s$, M. $51^m\,5^s$. Die Beurteilung als P stimmt zu Zürich und der Lage des Herdes.
	M N	24.6	0.4	4.4				
	E	24.3	0.6		2.8			
	F	ca. 52 40						
März 27.	? P N	ca. $3^h\,28^m\,0^s$		Spur				Kein Zeitkontakt. Anfangszeit annähernd nach Strassburg angesetzt. Dort Nahebeben P $3^h\,28^m\,28^s$.
	E				Spur			
	S N	ca. 24^s	1.0	1.2				
	E	ca. 24	0.5		0.6			
	M N	73	1.4 u. 0.5	2.4				
	E	31	1.7 u. 0.7		2.0			
		48	1.7		1.4			
	F	ca. 190^s						
Mai 20.	e? P N	ca. $17^h\,17^m\,0^s$		Spur?				Kein Zeitkontakt; Anfangszeit annähernd nach Strassburg angesetzt. Ablesung der Zeitdifferenzen von der für S gehaltenen Phase ausgehend. Strassburg hat Anfang $17^h\,17^m\,38^s$. M. $18^m\,12^s$.
	E	?17 25						
	? S N	50						
	E	50						
	M_1 N	53 5		1.2				
	E	53 0			0.9			
	M_2 N	57 5	1.5	1.2				
	E	57 5	1.3		0.9			
	F	ca. 130^s						
Juni 1.	P N	?					ca. 85	Gespürt in Grenchen. Siehe Anhang. Entfernung 91 km, W 13° S. Auch in Neuchâtel registriert, s. folgendes.
	e E	$13^h\,56^m\,7.5^s$		Spur!				
	S N	?						
	E	17.3						
	M N	19.8						
	E	20.2	0.4		1.5			
	M_2 N	21.6	1.1	1.0				
	F	ca. $57^m\,12$						
Juni 1. (Neuchâtel)	? P N	$13^h\,55^m\,58.3^s$		Spur!			ca. 46	Auf E-W Komponente keine Spur zu finden, nach Angabe von Direktor Arndt. Entfernung 41 km, E 30° N.
	? S N	03.3						
	M N	13.0	1.7	1.3				
	F	ca. $56^m\,54^s$						

Zürich 1913. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein.

Datum	Phase	M. E. Zeit	Periode	Amplitude N	Amplitude E	Amplitude V	Epizentral-entfernung berechnet	Bemerkungen
			s	μ	μ	μ	km	
Juli 14.	i P N	$12^h 42^m 57.2^s$					103	Herd in der schwäbischen Alb. Gefühlt in Ebingen, Balingen, Stuttgart. In Hohenheim registriert P $42^m 48^s$, i $42^m 52^s$. M. 53^s.
	i E	57.9			Spur!			
	V	56.7				Spur!!		
	S N	43 09.4						Auch in der Schweiz gespürt. S. makroseism. Bericht.
	E	09.7						
	M N	10.4	0.6	2.0				
	E	11.1	0.6		2.8			
	V	11.5				1.0		
	M_2 E	14.2	0.6					
	F	ca. $43^m 50^s$						
Juli 20.	i N	$11^h 23^m 23.8$	0.5	0.6				Vorbeben in der schwäbischen Alb? P zu schwach für die Aufzeichnung; i entspricht wohl S oder M. Hohenheim hat i P $23^m 07^s$. Dort liegt keine makroseism. Meldung vor.
	E	24.3	0.5		0.7			
	F	ca. $25^m 45^s$						
Juli 20.	i P N	$13^h 06^m 42.3^s$	0.4	6.7			113	Grosses Erdbeben in der schwäb. Alb.
	E	42.1			14.5			* Wenige Minuten vor Beginn des Bebens setzt am Vertikalapparat der Kontakt aus. i P nach N u. E angesetzt.
	V	* 42.2				4.4		
	S N	55.7						Berechnet nach dem Seismogramm: N 12° E $d = 113$ km. Stoss aus der Lage des Epizentrums nach offizieller Bearbeitung N ... E $d = 113$ km. Nach dem Seismogramm berechneter scheinbarer Emergenzwinkel: direkt 32.5°; nach Benndorf korrigiert 33.1°.
	E	54.9						
	V	56.0						
	M N	59.0	2.1	194				
	E	58.5	1 bis 2		245!			
	V	58.7	1 bis 2			8.6		
	F	25^m						
Juli 20.	P	?						Nachbeben in der schwäbischen Alb. Dort gefühlt an zahlreichen Orten. P scheint zu fehlen. Hohenheim hat, bei um 68 km kleinerer Entfernung vom Herd, i P $28^m 53^s$.
	i S? N	$13^h 29^m 10.4^s$						
	e E	10.4						
	M N	12.0	0.5	1.6				
	E	11.8	0.5		2.2			
	F	$29^m 45^s$						
Juli 21.	e P N	$23^h 36^m 08.3^s$		Spur!			ca. 370?	Herd?
	i N	18.1						Moncalieri hat P $36^m 01^s$. Hohenheim hat e P $36^m 18^s$. Strassburg hat P $36^m 22^s$. Herd also jedenfalls südlich, vielleicht wie am 13. Februar.
	e E	18.8						
	e V	29.1						
	i S N	54.9	0.5	0.8				P. S. Nach italien. Bulletin gespürt „in der Landschaft Emilia“ (Gegend von Parma und Modena), ca. 350 km S 30° E, wozu die vorher angenommene Distanz gut stimmt; wir sind aber gegen Moncalieri um rund 10^s zu früh!
	E	50.9	0.5					
	i M N	37 15.7	1.2	4.0				
		bis 38 10.0	2.8					
	E	37 13.3	1		2.8			
		bis 38 0	1 bis 2					
	V	37 29.0	1 bis 2			0.9		
	F E	43						
Juli 24.	e N	$20^h 24^m 33.8^s$						Herd?
	e E	36.1						P scheint zu fehlen. — In Strassburg und Hohenheim nicht aufgezeichnet.
	i S? N	38.5		1.6				
	E	38.3	0.6					
	V	39.4				0.5		
	i M N	42.5	0.5					
	E	46.0						
	V	52.5				0.9		
	M_2 N	25 15.5						
	F	26 15.0						

Zürich 1913. Mitteleurop. Zeit; Mitternacht = 0 h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein.

Datum	Phase		M. E. Zeit	Periode	Amplitude M	Amplitude E	Amplitude V	Epizentral-entfernung berechnet	Bemerkungen
				s	μ	μ	μ	km	
Aug. 24.	e P	N	16h 25m 37.3s		Spur!!			ca. 230	Herd in den Zillertaler Alpen, Gegend 25 km südöstlich von Innsbruck, im Tuxer Tonschiefergebirge; d = 235 km, ca. E 5° S. Grösste Ausdehnung des erschütterten Gebiets 65 km, grösste Stärke Grad 6.
	e	E	35.4			0.3			
	e	E	37.6						
	S	N	26 2.9	0.5	2.0				
		E	3.1	0.9		1.4			
	M	N	5.6	0.7	2.6				Bei E schöne Hauptwellen.
		E	5.5	0.5			6.2		
			6.9						
	F		ca. 27m 30s						
Sept. 20.	P	N	4h 45m 20.6s					ca. 220	Herd in der Nähe von Innsbruck, 20 km südsüdwestlich davon, in den Stubaier (Oetztaler) Alpen, in 210 km Entfernung, ca. E 10° S. Grösste Ausdehnung des Schüttengebiets 60 km, grösste Stärke Grad 4.
		E	22.2	0.5		0.3			
	S	N	47.5						
		E	46.9	0.4		0.8			
	M	N	48.4	0.4	1.0				
Okt. 6.	?P	N	23h 50m 10.0s						Herd im Kanton Glarus (Linthal), ca. 56 km, S 35° E. Wahrscheinlich fehlt P. Der Anfang fällt in eine Minutenlücke. Der höchst geringe Ausschlag der Apparate entspricht nicht der Stärke der primären Erschütterung.
		E	8.4						
	M	N	11.7						
		E	12.6			0.6			
	F?		20.0						
		N	28 37.0	3.1	0.6				Anschliessend diese längern Wellen, deren Zugehörigkeit zum Erdbeben fraglich ist.
Nov. 2.	e P	N	2h 50m 27.6s					88	Epizentrum Südende des Grenchentunnels (d = 91 km, W 13° S). Berechnete Distanz nach E–W, N–S gibt 20 km mehr. — Siehe makroseism. Bericht. — Auch in Neuchâtel registriert; s. unten. S_N = M sehr scharf; diese Phase bei W–E allmählich anschwellend.
	i!	E	26.3						
		V	26.5						
	i	N	36.9	0.5	0.8				
		E	34.5						
		V							
	i S	N	38.8	0.4	2.0				
	!	E	36.5						
		V	36.3						
	M	E	39.6						
	i	V	41.0						
	M_2	N	42.9		1.9				
		E	39.6						
		V	46.6						
	F		53m						
Nov. 2. (Neuchâtel)	P	N	2h 50m 16.4s					48	E–W-Registrierung hatte ausgesetzt; d = 41 km, E 30° N.
	i S	N	21.7						
	M	N	31.7	1.5	5.6				
Nov. 11.	e P	N	8h 59m 03.5s		Spur			90 oder 109	Epizentrum wieder Südende des Grenchentunnels (d = 91 km). Berechnete Distanz je nach E–W oder N–S 90 od. 109. Siehe makroseism. Bericht und Anhang. Auch in Neuchâtel registriert (s. unten.) i S? N sehr scharf; bei E–W allmählich anschwellend.
		E	02.9	0.7		0.6			
	i S?	N	12.9						
		E	13.3	0.5		0.6			
	i	N	15.1						
	i S?	N	15.7	0.4	3.3				
		E	16.2	0.7		1.7			
	M	N	17.9	0.4	4.6				
		E	19.3			3.1			
	M_2	N	24.0		2.9				
		E	21.5			1.4			
	F		ca. 9h 01m						
Nov. 11. (Neuchâtel)	P	N	8h 58m 52.6s	0.7	1.2			51	Siehe 2. November.
		E	52.8	0.6		0.7			
	S	N	58.2						
		E	58.5						
	M	N	59 07.8	0.9 u. 2.1	7.5				
		E	09.3	1.2—1.6		6.3			
	F		60m 30s						

Zürich 1913. Mitteleurop. Zeit; Mitternacht = 0^h; H = 604.2 m; Länge: 8° 34′ 49.5″ E; Breite: 47° 22′ 7.2″ N; Untergrund: Molassesandstein.

Datum	Phase		M. E. Zeit	Periode	Amplitude N	Amplitude E	Amplitude V	Epizentral-entfernung berechnet	Bemerkungen
				s	μ	μ	μ	km	
Nov. 25.	P	N	$21^h\,55^m\,41.8^s$		Spur			410? (385)?	In Moncalieri P $53^m\,32^s$. In Strassburg i P $55^m\,56^s$. In Hohenheim P registriert, aber nicht angegeben; dagegen das daraus berechnete d zu ca. 300 km angegeben (?). Herd jedenfalls südlich.
	i	N	49.5	1.3	1.3				
		E	47.6						
		V	48.7						
	i S	N	56 30.5	0.9	3.2				P. S. Nach italien. Bulletin Erdbeben aus den Landschaften Emilia, Lombardei, Venetien und Ligurien gemeldet, also aus ganz Ober-Italien. Lage des Herdes? Ca. 350 km? ca. SSE?
		E	31.5	0.7		2.8			
	i	V	31.7						
	M_1	N	33.5	0.7	3.2				
		E	32.7			7.7			
		V	32.2				3.8		Dazwischen noch andere Maxima.
	M	N	49.7		7.1				
		E	47.3			6.1			
		V	47.7				3.3		
	F		ca. $61^m\,45^s$						
Dez. 7.	e P	N	$2^h\,31^m\,13.0^s$					250	Von Mailand gemeldet, nach italien. Bulletin auch aus Novi (Ligurien). Moncalieri hat P $30^m\,53^s$, S $31^m\,2^s$. Hohenheim hat e P $31^m\,46^s$. Die Angabe des Hohenheimer Berichts, „nachträglich von Ebingen gemeldet", ist sicher zugunsten obiger Gegend zu korrigieren. Die genannten Orte sind 220—280 km entfernt, in S bis S 10° E, die vorher angesetzte Entfernung stimmt also ordentlich.
	?	E	16.0						
	e	N	24.3		0.8				
		E	22.5						
	S	N	43.4						
		E	41.0			1.6			
	M_1	N	45.8	0.6	2.0				
		E	44.5	0.6		1.4			
	M_4	N	32 09.9	1.0	4.8				Zwischen M_1 und M_4 noch 2 Maxima. Am Schluss lange Wellen von 2 bis 6^s; wahrscheinlich mikroseism. Unruhe.
		E	10.0			1.7			
	F		36 bis 39						
Dez. 10.	e P	N	$23^h\,10^m\,50.4$		Spur			105	Epizentrum südsüdwestlich von Chur (Graubünden), ca. 95 bis 100 km, S 45° E. Erstes Churer Beben.
	e	E	50.1			0.4			
	i	V	49.7				0.5		
	e*	N	52.5						* Dieser kurz auf P folgende Einsatz für diese Churer Erdbeben vielleicht charakteristisch.
		E	52.5						
		V	52.2						
	i S	N	11 01.8		1.6				Hohenheim hat i P $11^m\,34^s$. Da d um 120 km grösser als für Zürich und da auch P in Zürich kaum unterscheidbar ist, handelt es sich wohl um „S" oder M, immerhin noch mit geringer Geschwindigkeit (ca. 2.7 km).
		E	02.0			2.2			
	?	V	02.0				0.5?		
	M		06.6	0.4	1.0				
			03.6	0.5		1.4			
	e	N	10 4 16.6	1.6	1.0				„Lange" Wellen.
	F		ca. 12^m						
Dez. 22.	e P	N	$12^h\,38^m\,31.3$	0.5	0.8			100	Epizentrum südwestlich von Chur, etwa wie am 10. Dez. (Zweites Churer Beben.) Siehe makroseism. Bericht.
		E	31.2	0.5		0.6			
	i	V	31.4				1.4		
	i	N	33.1	0.5	2.8				33^s Wiederum der schon am 10. Dez. erwähnte Einsatz.
		E	33.1	0.4		1.9			
		V	33.3				2.8		Hohenheim hat i P $38^m\,54^s$, was als Oberflächen-Geschwindigkeit nur ca. 5.2 km gibt. S? $39^m\,18^s$; gibt d zu ca. 220 km an (nach Conrads Formel würde 200 folgen). Die wirkliche Entfernung ist ca. 215 km. Die dort geäusserte Vermutung, der Herd möchte im Rheinland liegen, fällt also dahin.
	S	N	42.5						
		E	42.8						
		V	43.4						
	M	N	43.0	0.7	7.1				
		E	43.0	0.9		13.9			
		V	44.2				1.9		
	M_2	V	49.9				3.3		
	F		ca. 42^m						
Dez. 30.	P	N	fehlt					105?	Epizentrum südwestlich von Chur, etwa wie am 10. Dez. (Drittes Churer Beben.) Die Registrierung ist im Verhältnis zu den vorhergehenden auffallend klein; kaum aufzufinden.
	? e	E	$23^h\,9^m\,52.5^s$			Spur?			
	? M	N	10 04.1		0.4				
		E	04.8			0.3			
	F		ca. 11^m						In Hohenheim gibt dasselbe Instrument i P $10^m\,39^s$, was aber „S" oder M sein dürfte. (Oberflächen-Geschwindigkeit der betr. Wellen dann ca. 3.5 km.)

Anhang.

Die drei Tunnelbeben von Grenchen und ihre Bedeutung für die Kenntnis der wahren Geschwindigkeiten in den obersten Erdschichten.

Die Erdbeben von Grenchen (Granges) bei Solothurn im Jahr 1913 bilden durch ihre Beziehung zum Tunnelbau wohl eine der interessantesten unter den bisher untersuchten seismischen Erscheinungen auf schweizerischem Gebiet.

Es gelang uns, mit Unterstützung von Prof. Künzli in Solothurn und Prof. Buxtorf in Basel und auch der Lehrerschaft von Grenchen und benachbarter Orte, noch rechtzeitig genug das flüchtige Beobachtungsmaterial zu beschaffen zur Beantwortung der in der Ueberschrift angedeuteten, damals auch in den Zeitungen aufgeworfenen Frage, so in einem (mir erst im Verlauf der Untersuchung bekannt gewordenen) recht sachlichen Artikel im Grenchener „Volksblatt“ vom 14. November 1913.

Zunächst betrachten wir die festgestellten makroseismischen Tatsachen für die drei einzelnen Erbeben mit der Ausführlichkeit der Belege, die der merkwürdige Fall erfordert. Daraus werden wir unsere Schlüsse über die Natur der Erscheinung ziehen, und diese Schlüsse werden wir der Diskussion der mikroseismischen Beobachtungen zugrunde legen, und so zu einem zuverlässigen Wert für die wichtige, aber noch wenig gesicherte Fortpflanzungsgeschwindigkeit in den obersten Erdschichten gelangen.

1. Das Erdbeben vom 1. Juni.

Am 1. Juni wurden wir durch die stellvertretende Besorgerin des Bogenwechsels bei unsern Seismographen, Frl. E. Peter, aufmerksam gemacht auf eine fast mikroskopische Registrierung eines Nahebebens. Erst unser Zeitungsaufruf brachte dann eine Bestätigung aus Grenchen, und durch die Vermittlung von Prof. E. Künzli in Solothurn, der in der Lokalpresse zu Mitteilungen aufforderte und unsere Karten versandte, und Dr. L. Bloch in Grenchen gelangten wir noch in den Besitz von weitern fünf Meldungen aus Grenchen und einer aus Bettlach. Für die bei der spätern Erklärung wichtige Konstatierung dieser lokalen ersten Erschütterung traf es sich günstig, dass um jene Zeit manche Leute auf dem sonntäglichen Kanapee ausruhten.

Aus Grenchen wird recht übereinstimmend ein ziemlich starker Stoss gemeldet, welchem voraus oder zur Seite ein unterirdisches Grollen oder Knallen ging. Die Dielen krachten; eine elektrische Hängelampe schlug um einige cm aus. Die Erschütterung am Ort selbst muss nach den Registrierungen in Zürich und Neuchâtel um $1^h\,55^m\,50^s$ (auf 1—2 Sekunden genau) stattgefunden haben; die vier Zeitenmeldungen schwanken zwischen $1^h\,54^m$ und 58^m und geben im Mittel $1^h\,55\,^1/_4{}^m$ nachmittags. Von zwei Seiten wird E-W als Richtung angegeben. Auch in Tätigkeit befindliche Personen spürten den Stoss, so auch zwei Sänger im Kirchenbank. Die Stärke hat in Grenchen jedenfalls Grad 4 erreicht. Die im Grenchentunnel gefassten Quellen flossen von 2 Uhr an trüb, so dass sie bis abends 6 Uhr abgestellt werden mussten.

Aus Bettlach (2,5 km im ENE) melden zwei in verschiedenen Stockwerken desselben Hauses auf dem Kanapee liegende Personen ebenfalls den Stoss. Ein am Fenster hängendes Centimetermass bewegte sich. Es wird N-S-Richtung angegeben; die Stärke betrug hier noch 2—3.

Negative Nachrichten liegen vor aus Schnottwil (Bucheggberg) und Sanatorium Allerheiligen, je 9 km südlich und 2 km westlich von Grenchen.

Es ist bemerkenswert, dass dieser in Grenchen offenbar doch von vielen bemerkte, auffallende Erdstoss ohne die Registrierung der Apparate der Erdbebenwarte unbemerkt geblieben wäre, und damit eine wesentliche Tatsache für die Erklärung der folgenden Beben gefehlt hätte.

2. Das Erdbeben vom 2. November.

(Siehe die Isoseistenkarte auf Tafel II.)

Das Material zu der folgenden Darstellung, sowohl für den 2. wie 11. November, bilden etwa 60 von uns versandte Fragekarten (deren Text schon ausgearbeitet war, die aber erst auf die Nachricht von den beiden Erdbeben gedruckt wurden), ferner bereitwillige Auskunft der Tunnelbauleitung der Nord- und Südseite, und schliesslich für die Wirkung in Grenchen selbst das uns durch Lehrer E. Kunz nach dem Schema der Fragekarten übersichtlich mitgeteilte Ergebnis der sehr nützlichen und dankenswerten Umfrage der Lehrerschaft in 12 Schulklassen.

Wir beginnen mit den Beobachtungen in Grenchen selbst. Die beiden Meldekarten (Schule und Obering. Custer) geben übereinstimmend als Zeit $2^h\,50^m$ früh an. Nach Zürich und Neuchâtel muss die Eintrittszeit $2^h\,50^m\,9^s$ gewesen sein; wohl auf die Sekunde genau.

Die Erschütterung wurde ganz allgemein gespürt, nämlich in 258 von 355 befragten Familien (eine Anzahl davon mögen doppelt befragt sein); es liegt also hier das „allgemeine Erwachen der Schlafenden" vor, das den Grad 6 der Skala kennzeichnet. Die Bewegung wurde unten wie oben in den Häusern und auch im Freien wahrgenommen; ihre Dauer wird übereinstimmend auf 3—5 Sekunden angegeben, wobei zum Teil vier einzelne Stösse unterschieden wurden. Als Stossrichtung wird von Oberingenieur Custer W-E angegeben, nach den Schwingungen einer Lampe; von anderer Seite N-S.

Von Wirkungen auf Gebäude und Gegenstände wird ein Fall berichtet, wo die Wand und anderswo die Decke gespalten worden sei. An manchen Orten wurden die Betten nicht nur stark gerüttelt, sondern bewegten sihh von der Stelle, in einem Haus vier Betten um angeblich 30 cm! Mehrfach sind Gläser, Milchtöpfe, auch ein Spiegel herabgefallen und zerbrochen; auch ein Ofenrohr ist gefallen und ein oder zwei Kinder sind aus dem Bett gerollt. „Auf dem Berge" läuteten aufgehängte Kuhglocken. Auf dem „Stierenberg" (3 km NW von Grenchen 1072 m hoch, am Abhang gelegen) fielen Limonadenfläschchen von der Treppe. Bei der „Wandfluh" (höchster Kamm 1380 m, 4 km nördlich von Grenchen) lösten sich Steine ab, sogar in der Grösse, dass eine mittelgrosse Tanne umgeworfen wurde.

Diese letztern Angaben sind besonders wichtig, weil sie im Verein mit andern zeigen, dass die Bergseite die stärksten Erschütterungen aufwies. Wir haben das Epizentrum also etwa 1—2 km nordwestlich der Verbindungslinie Grenchen-Bettlach zu suchen. Hier und in Grenchen ist der Stärkegrad 6—7 anzunehmen.

In dem im Bau befindlichen Tunnel wurde auf der Südseite, die damals 2060 m weit gebohrt war, das Erdbeben sehr stark gespürt. Die Bauleitung teilt uns folgenden Rapport eines Aufsehers mit: „Am 2. November $2^h 50$ morgens befand ich mich bei km 1.550, als plötzlich ein starker Knall mit heftiger Erschütterung erfolgte. Dieselbe war so stark, dass sich kleine Steine von der Decke des noch nicht ausgemauerten Tunnels lösten. Ich glaubte zuerst nichts anderes, als es sei eine Explosion der Sprengstoffkisten . . . am Vorort eingetreten und begab mich deshalb sofort dorthin. Erst als ich alles in Ordnung fand, fiel mir ein, es könnte ein Erdbeben gewesen sein. Mittlerweile bemerkte ich auch, dass sämtliche im Tunnel für Trinkwasserzwecke gefassten Quellen stark trüb liefen, und liess daher sofort die bezügliche Pumpe vor dem Portal einstellen." — Das trübe Wasser hielt noch den ganzen Vormittag an. — Auf der Nordseite wurde im Tunnel (wo gerade die grossen Bohrmaschinen arbeiteten) nichts gespürt, wohl aber schwach am Tunnelausgang.

Beobachtungen am Fuss des Juras. Nach Nordosten zu wurde der Stoss auch in Bettlach (2,5 km von G.) allgemein gespürt, und zwar auch im Freien. Die Erschütterung war besonders im obern Gemeindeteil, am Jurahang spürbar. Die Dauer wird zu 5 Sekunden geschätzt, die Bewegungsart als Schaukeln und Zittern charakterisiert. Zum kleinen Teil eilten die Leute aus den Häusern ins Freie. Auch hier ist Grad 6 anzunehmen. Weiter nach NE ist auch in Selzach (5 km von G.) noch mindestens Grad 5 zu schätzen. Unter ca. 50 befragten Familien wurde es in 28 gespürt, sowohl in unteren wie in oberen Stockwerken, aber nicht im Freien. Zwei Stösse wurden wahrgenommen in 3—5 Sekunden Zwischenraum. Der zweite erschien mehreren als ein langsames Heben der Erde. Diesen Eindruck hatte man auch im Tunnel. Die Richtung des Stosses schien subjektiv von SW nach NE zu sein. In 13 Fällen wurde ein Knirschen des Gebälks bemerkt. Eine Lampe auf einem Nachtischchen fiel um. — Das 4,5 km weiter nach NE gelegene Oberdorf sendet schon negativen Bericht!

Nach Südwesten wurde in dem symmetrisch zu Bettlach liegenden Lengnau das Erdbeben noch allgemein gespürt; d. h. von 30 unter 55 befragten Familien, und zwar auch hier vorwiegend am Bergabhang. Die Dauer wird zu 2—5 Sekunden angegeben, in zwei Stössen begleitet von unterirdischem Rollen; die Richtung subjektiv NE–SW. Es krachte in den Wänden; Uhrfedern ertönten; in einer Decke entstand ein Riss; Hunde fingen an zu bellen. Es ist noch Stärke 5 anzunehmen. In dem 2,5 km weiter nach SW liegenden Pieterlen wurde die Erschütterung noch von vielen wahrgenommen, mit 3—4 rasch aufeinanderfolgenden Stössen, scheinbar N–S verlaufend; als Wirkung wird ein „horizontales Zucken" angegeben. Stärke 4. Weiter nach SW gibt es keine Meldungen mehr.

Die guten Angaben aus den letztgenannten vier vorzüglich symmetrisch zu Grenchen, und ganz analog am Jurafuss liegenden Orten erlauben den allein aus den Beobachtungen sich ergebenden sichern Schluss, dass als Ausgangsort stärkster Erschütterung in erster Annäherung Grenchen anzusehen ist, genauer aber ein Punkt, der zwischen Grenchen und Bettlach, näher ersterm Orte, und zwar am Jurahang liegen muss. In der Richtung des Jurastreichens hat sich die fühlbare Erschütterung beidseitig ungefähr 8 km weit ausgebreitet.

Was nun die Ausbreitung senkrecht zur Jurarichtung betrifft, so ist sie nach Südosten, in die Ebene hinaus viel geringer! In dem 5 km südlich von Grenchen jenseits der Aare liegenden Rüti wurde noch ganz vereinzelt, sowohl in den im Talgrund (Aareschotter) wie am Berg (Molasserücken) liegenden nordöstlichen Gemeindeteil, ein Stoss gespürt. Aus den entsprechend weiter nordöstlich gelegenen, vom Epizentrum 4,5—5 km entfernten Ortschaften Arch und Leuzingen kommt negativer Bericht.

Quer durch den Grencherberg nach NW war die Ausbreitung wieder grösser; denn aus dem jenseits in 7 km Entfernung gelegenen Court wurde die Erschütterung als Schaukeln noch von 20 unter 250 in der Schule befragten

Familien wahrgenommen; es wurden zwei Stösse von 2—3 Sekunden Gesamtdauer und 1 Sekunde Zwischenzeit angegeben, ostwestlich gerichtet. Einige Gegenstände bewegten sich. Es ist mindestens Grad 3 anzunehmen.

Negative Nachrichten, die nach dem bisherigen nicht verwundern, liegen vor aus Biel (durch die Schule Nachfrage in ca. 100 Familien), Gänsbrunnen, Biberist, Kriegstetten, Günsberg (Kt. Solothurn), Niederbipp, Wangen a. A., Kirchberg (Bern).

Hingegen kommen sehr überraschende gleichzeitige Erdbebenmeldungen vom Zürichsee: Die eine von Küsnacht: Morgens etwas vor 3 Uhr leichtes Erdbeben, wellenförmiges Rollen E-W, 3—4 Sekunden dauernd, deutlich. Ebenso von Stäfa: Um „die genannte Zeit" fingen die Fenster unseres Schlafzimmers an stark zu klirren, dass wir erschrocken ausriefen: Ein Erdbeben!

Auch in Zürich selbst liegen zwei solche Angaben vor, die eine vom Berichterstatter selbst, wo kurz vor 3 Uhr ein erfahrungsgemäss wackliges Breipfännchen zu Boden fiel — was ohne Anstoss sonst nie vorkam. Wir haben es hier wohl mit einem sogenannten Relaisbeben zu tun. Das Bild wird etwas getrübt durch die Meldung einer Dame, die in Zürich 2 einen Erdstoss schon am Vorabend um $9^h 45$, einen stärkern am kritischen Morgen, aber um $6^h 15$ bemerkt haben will.

3. Das Erdbeben vom 11. November.

(Siehe auch die Isoseistenkarte auf Tafel II.)

Beobachtungen in Grenchen. Das Mittel der 9 ausdrücklichen Zeitangaben aus dem Schuttergebiet gibt für die Eintrittszeit $8^h 58^1/_2{}^m$ morgens, die Registrierungen von Zürich und Neuchâtel führen auf die Eintrittszeit $8^h 58^m 45^s$ (auf ca. eine Sekunde genau).

Auch diesmal wurde die Erschütterung ganz allgemein gespürt, nämlich in 287 von 355 befragten Familien; die um 29 grössere Zahl als am 2. November bedeutet bei dem Unterschied der Tageszeit nicht mit Sicherheit eine grössere Intensität. Dauer: 3—4 Sekunden, Anzahl der Stösse: 2, Stossrichtung: E-W, bestätigt durch Pendeln von Gegenständen.

Die Wirkungen auf Gebäude und Gegenstände waren ähnlich stark wie am 2. November. Allgemein wurde starkes Rütteln der Türen und Fenster bemerkt. Es wird berichtet von gespaltenen Zimmerdecken, mehrfach von herabgefallenem und zerbrochenem Geschirr. Stühle fielen um; ein Knabe fiel zu Boden, ein anderer vom Heustock herab; ein weiterer schlug mit dem Kopf gegen die Wand. Ein Kind fiel um mit dem Stuhl, auf dem es sass; beim Milchtrinken rutschten drei Kindern die Tassen vom Tisch auf den Boden usw.

Es liegen auch bemerkenswerte Angaben aus dem Freien vor: Knaben im Walde (auf dem Berghang!) wurden zu Boden geworfen; einer glaubte: „Der Teufel komme aus dem Boden". Ein anderer, der Schwämme suchte, wurde gegen eine Tanne geworfen, ähnlich ein Mädchen gegen eine Telephonstange.

Es wird weiter berichtet, dass zwei Familien sich ins Freie flüchteten; anderswo nur die Hauskatze. Auf der Südseite des Tunnels wurde das Beben auch diesmal gespürt, aber schwächer.

Sonst ist für Grenchen für den 11. November keine geringere Intensität anzusetzen als am 2. Nov., also Grad 6—7.

Beobachtungen am Fuss des Juras. In Bettlach wurde die Erschütterung (als Schaukeln und Zittern bezeichnet) allgemein gespürt, auch im Freien, und zwar wiederum stärker auf der Juraseite. Es ist wieder Grad 6 anzunehmen. In Selzach wurde es noch von vielen wahrgenommen, von eingen auch im Freien; auch auf dem Berg, in 1140 m und 1350 m Höhe. Zwei Stösse wurden bemerkt, in W-E-Richtung, nach einer schwingenden Hängelampe; die Wände krachten. Die Hühner und das Vieh im Stall wurden unruhig. Grad 4—5. Weiter nach NE fehlen direkte Berichte; doch erwähnt das „Grenchener Volksblatt" als Grenze in dieser Richtung Solothurn.

Gegen SW wurde in Lengnau die Erschütterung unter 55 Familien von 30 bemerkt; im Freien nicht mehr; aber stärker auf der Bergseite. Es ist von einem Stoss die Rede, von NE nach SW gerichtet. Krachen in den Wänden stellt die ganze Wirkung dar. Grad 4—5. Weiter in Pieterlen wurde es unter 250 Familien bloss mehr von 6 gespürt, vorwiegend nur in obern Stockwerken. Grad 2—3. In Biel hat es unter 100 Familien eine Person gespürt, im 2. Stock. Grad 2.

In der Richtung senkrecht zum Jurastreichen wurde es diesmal in Rüti nicht gespürt, dagegen wohl ganz vereinzelt in Oberdiessbach, 10 km südsüdwestlich von Grenchen. Auf der andern Seite des Grenchenberges wurde es wiederum in Court bemerkt, und zwar in 10 von 250 Familien, also mit Stärke 2—3, und zwar merkwürdigerweise auch im Freien. Ein wellenförmiger Stoss von 2 Sekunden Dauer wird angegeben.

Negative Nachrichten liegen vor von den gleichen Orten wie am 2. November, ebenso von Moutier.

Haupttatsachen und Schlussfolgerungen.

Schon bei dem Durchgehen der bisher angeführten Einzelbeobachtungen drängt sich der Eindruck auf, dass eine seismisch ungewöhnliche Erscheinung vorliegt, die auch einer ungewöhnlichen Erklärung ruft. Fassen wir zunächst die Tatsachen kurz zusammen:

Wir sehen am 1. Juni 1913 in der Gegend von Grenchen eine Erderschütterung sich ereignen. Schon diese erste Tatsache, dass in jener Gegend überhaupt ein ganz lokaler Erdstoss auftritt, lässt den mit der schweizerischen Erdbebenstatistik Vertrauten etwas stutzig werden. Denn, soweit genaue Aufzeichnungen zurückreichen, war jene Region

sonst frei von primären, lokalen Erschütterungen. Merkwürdiger noch wird die Erscheinung dadurch, dass sie sich bald darauf, und zwar in sehr verstärktem Masse wiederholt, am 2. und 11. November.

Höchst auffallend ist ferner, dass sich der Ort stärkster Erschütterung, das sog. Epizentrum, ungemein viel schärfer ausprägt, als es sonst bei allen unsern schweizerischen, tektonischen Erdbeben der Fall ist, und zwar ist es alle dreimal die selbe auf wenige Kilometer genau einzukreisende Gegend, unmittelbar nordwestlich der Verbindungslinie der benachbarten Orte Grenchen und Bettlach, am Abhang des Grenchenerberges, wo die Jurafalten unter die Molasse des schweizerischen Mittellandes tauchen.

Schliesslich ist ganz besonders wichtig die fernere Tatsache: „Die Erscheinungen im Epizentralgebiet sind zwar ungewöhnlich stark (Grad 6 bis 7 der Forel'schen Skala), aber sie nehmen auch ganz ungewöhnlich schnell nach der Peripherie ab. Nach Südost, gegen die Schotterebene des Aaretals und den dahinter auftauchenden Molassezug des Bucheggbergs sinkt die Intensität innert 5 km von Grad 6 unter die Grenze der Wahrnehmbarkeit. In der Richtung des Jurastreifens und überhaupt im Juragebiet dagegen beträgt jener Abstand etwa 8 km. Es ist ungemein lehrreich (siehe Tafel II), mit der Karte den Isoseisten für unsere Grenchener Beben vom 2. und 11. November etwa die analoge, von mir im gleichen Masstabe entworfene Karte des kurz darauf erfolgten Graubündner Erdbebens vom 10. Dezember 1913 zu vergleichen, wobei nicht die gewiss diskutabeln Einzelheiten, sondern ein Vergleich des Gesamtbildes in Betracht kommt. Immerhin sei darauf hingewiesen, dass nur die hier zum erstenmal von uns angewendete systematische Methode des Materialsammelns überhaupt erlaubt hat, die Karten mit dieser wenigstens relativen Genauigkeit zu entwerfen. Zur Erklärung der Karte diene noch die Bemerkung, dass die Orte mit positiven Meldungen als schwarze Kreise, die negativen als Kreuze eingetragen sind. Die Isoseisten sind so gezogen, dass z. B. das mit 2 bezeichnete Gebiet von Grad 2 bis zum Grad 3 reicht.

Wir sehen beim Graubündner Beben, das wir als „normales" alpines Beben bezeichnen können, die Intensität nach aussen durchschnittlich etwa 3—4 mal langsamer abnehmen als bei den beiden Grenchener Erdbeben! Diese müssen nach der bekannten, qualitativ unanfechtbaren Schlussfolgerung also ihre Erregungsursache in sehr viel geringerer Tiefe haben als die alpinen Leben, also recht nahe der Oberfläche.

Angesichts aller dieser Tatsachen fragen wir uns, welches denn jene Erregungsursache in den der Oberfläche nahen Schichten sein mochte, die sich in der sonst seismisch so friedlichen Gegend von Grenchen im Jahr 1913 auf einmal eingestellt hat? Und wir erhalten ausnahmsweise eine Antwort: Gerade in jenem Jahr wurde dort der 8565 m lange Tunnel von Grenchen nach Münster (Moutier) gebohrt! Und tragen wir ihn in unsere ohne Rücksicht auf die Tunnellage erstellte Isoseistenkarte ein, so fällt sein südliches Ende genau in unser engbegrenztes Epizentralgebiet!

Dies zeitliche und örtliche Zusammentreffen von Erdbeben und Tunnelbau ist so verblüffend, dass ein Zufall ausgeschlossen erscheint. Die Annahme eines Zusammenhangs drängt sich schon aus diesen Gründen fast unabweisbar auf.

Nun lassen es bisher bekannte allgemeine Tatsachen als ganz wohl denkbar erscheinen, dass eine Tunnelbohrung Anlass zur Auslösung schon vorhandener Spannungen in Form eines Erdbebens geben könne. Die Tatsache, dass solche Spannungen in jugendlichen Gebirgen noch fortdauern, ist gerade durch die Häufigkeit der Erdbeben in denselben längst erwiesen; und wiederum sind die auffallenden Erscheinungen von Gebirgsdruck bekannt, die in tiefliegenden Tunnellen schon oft beobachtet wurden. Freilich ist die Region der Spannungen, die zu Erdbeben in jung gefalteten Gebirgen führen, doch wohl im allgemeinen in ganz wesentlich grössern Tiefen zu suchen als in denjenigen, bei welchen jener Tunneldruck gelegentlich beobachtet wurde (der übrigens auch beim Grenchener Tunnel nicht ganz gefehlt hat). Für diese Annahme spricht z. B. gerade eine Isoseistenkarte wie die vom 10. Dezember 1913.

Nun sind aber am Grenchentunnel ungewöhnliche Erscheinungen anderer Art eingetreten, welche der Erklärung in diesem Fall besser dienen, nämlich ungeheure Wassereinbrüche aus Klüften des Berges, gerade im Epizentralgebiet. Diese Wassereinbrüche sind in der „Schweiz. Bauzeitung" 1913 (S. 267) sehr genau, mit zahlreichen Abbildungen, beschrieben durch Oberingenieur Custer, wo wir auch folgende Angaben entnehmen:

Schon am 7. Februar 1913 wurde bei km 1.488 der Südseite die Grenchener Dorfbachquelle angebohrt. Weitere grosse Wassereinbrüche, welche bis zum 11. Juni die Bohrarbeit fast ganz stillstellten, erfolgten am 25. Februar bei km 1.588, und ebendort am 19. März; der stärkste aber bei km 1.614 am 20. Mai, der eine Wassermenge von 830 l per Sekunde brachte. Die Höhe des Berghangs über dem Tunnel beträgt an jener Stelle 500 m und 1000 m über Meer. Die Hauptwassermengen, nicht weniger als 5 Millionen Tonnen, dem Wasserinhalt des Amsoldingersees entsprechend, sind dem Berg entquollen hauptsächlich in den dem ersten Erdbeben vorangehenden zehn Tagen!

Es wurden wiederum neue, wenn auch nicht mehr so grosse Wassermassen auf der Südseite erbohrt, wenige Tage vor Eintritt der beiden Novemberbeben. Der Vorort stand am 2. November bei km 2.063 im untern Hauptrogenstein, der reichlich Wasser führte (ca. 130 l), am 11. November bei km 2.084, unter den gleichen Verhältnissen. Der Wasseraustritt erfolgte vor allem aus steilstehenden, mit der Tunnelrichtung fast ganz zusammenfallenden Klüften.

* * *

Nach allem Gesagten kann an der Auslösung der Erdbeben durch die gewaltige Wasseranzapfung des Berges beim Tunnelbau kaum ein Zweifel übrigbleiben. Es kann sich dabei um teilweisen Einsturz der vom

Wasser früher erfüllten grossen Höhlen handeln. Doch teile ich den mir von Oberingenieur Custer brieflich ausgedrückten Zweifel, ob dabei genügende Energiemengen zur Hervorbringung von Erschütterungen in einem doch recht grossen Umkreis frei werden können. Immerhin ist des von Prof. A. Forster eingehend beschriebenen und mit Einsturz- und Auswaschungserscheinungen im Gips wohl zutreffend erklärten Erdbebens im Simmental vom 13. April 1885 zu gedenken, wo bei einer Intensität 8 im Epizentrum die Erschütterung noch bis Basel und Genf gespürt wurde!

In unserm Fall kann es sich aber auch handeln um weniger lokale Verschiebungen von gewissen gespannten Partien, die sehr wohl unterhalb der Tunnelhöhe liegen konnten, und deren Spannung nun eben durch die starke Abnahme des auf ihnen lastenden hydrostatischen Drucks bloss ausgelöst wurde. Wenn schon starke Luftdruckschwankungen, die doch den Zehntel des Atmosphärendrucks kaum je erreichen, nachgewiesenermassen die Auslösung von Erdbeben deutlich begünstigen, so kann um so mehr zur Auslösung lokaler tektonischer Spannungen eine viel grössere Druckverminderung beitragen, die in diesem Fall bis zu 50 Atmosphären betragen konnte. Nach dem hydrostatischen Prinzip konnte sehr wohl ein sehr weit verzweigtes Kluftsystem von dieser Druckentlastung zugleich betroffen werden. Bei alledem ist nochmals darauf hinzuweisen, dass nach dem ganzen Bild der Intensitätsverteilung der Sitz der durch die Druckverminderung frei gewordenen Spannungen gar nicht tief gelegt werden darf. Ob die durch den Tunnelbau erschlossene, nach den Mitteilungen von Herrn Buxtorf so überraschungsreiche Tektonik hier direkt heranzuziehen ist, mit dem nach Südosten über miozäne Molasse überschobenen stark zerrütteten Malm (in welchem die grossen Wassereinbrüche stattfanden), und mit der noch viel durchgreifenderen Ueberschiebung in dem ganzen mittlern Teil des Tunnels, muss wohl eine offene Frage bleiben. Zum mindesten machen diese Verhältnisse das Vorhandensein besonderer Spannungen nicht unwahrscheinlich; auf der Südseite könnten übrigens auch direkt Absenkungen in Betracht kommen. Bei den Ueberlegungen zur Lokalisierung des Herdes darf wohl auch nicht ausser acht gelassen werden, dass bei dem Erdbeben vom 2. November alle getrübten Tunnelquellen nach 3—4 Stunden wieder klar flossen, mit alleiniger Ausnahme der beiden grossen Quellen bei km 1.588 und km 1.614, wo die ganz grossen Wassereinbrüche erfolgt waren. Vielleicht kam jenen speziellen Kluftsystemen doch eine aktivere Stelle zu? Aber wenn wir auch mit einem neuen Fragezeichen schliessen, so glauben wir doch diejenigen beseitigt zu haben, welche die Untersuchung veranlassten.

Ergebnis der mikroseismischen Registrierung der Tunnelbeben.

Die im Vorhergegangenen dargelegte Tatsache, dass wir es hier mit einem ganz oberflächlichen Erschütterungsherd zu tun haben, bietet eine seltene Gelegenheit, die wahre Fortpflanzungsgeschwindigkeit der Erdbebenwellen von Nahebeben in den obersten Erdschichten festzustellen. Die Vorbedingungen dazu liegen insofern ausserordentlich günstig, als die Seismographen von Neuchâtel in $dn = 41$ km wie von Zürich in $dz = 91$ km Entfernung alle drei Beben registriert haben, und zwar das erste schwache nicht sehr deutlich, dagegen die beiden letzten mit ganz sichern Einsätzen. Ferner ist die Entfernung vom Herd, dank den makroseismischen Feststellungen, mit der erforderlichen, aber sonst kaum erhältlichen Genauigkeit (ca. $\pm$ 1 km) anzugeben.

Die Zuverlässigkeit der absoluten wie relativen Zeitangaben ist für unsern Zweck recht befriedigend; die Korrektionen der sehr guten Kontaktuhren sind an beiden Orten auf 0.1^s sicher; die schnellaufenden Triebwerke (25—30 $^m/_m$ in der Minute) erlauben eine genügende Schärfe der Ablesung, dass Abweichungen von mehr als 0.3^s in der Ablesung eines deutlichen Einsatzes bei wiederholten Ausmessungen nicht vorkommen. Die lineare Interpolation der Zeit zwischen den Minutenlücken ist wegen der Unregelmässigkeit dieser Triebwerke freilich selbst mit einem mittleren Fehler von 0.2^s behaftet, der ausnahmsweise auch bis 0.4^s, ja 0.5^s ansteigen kann.

Ausgehend von der Annahme gleichmässiger Ausbreitung finden wir in diesem Fall die wahre Geschwindigkeit der ersten Vorläufer ganz einfach durch die Division $(Pz - Pn) : (dz - dn)$, wobei letztere Differenz 50 km beträgt. Da sind nun verschiedene Feststellungen möglich:

			1. Juni	2. Nov.	11. Nov.	
1.	Pz – Pn		9.2^s (unsicher)	9.9^s	10.2^s	(In Z. mit scharfem Einsatz v. W–E u. V.)
2.	Vp		(5.43 km)	**5.05** km	**4.90** km	
3.	Sz – Sn	a)	(14.0^s unsicher)	14.8^s	14.9^s	(In Z. Einsatz, der für Berechnung mit
4.	Vsa		—	3.38 km	3.36 km	Conrad'scher Formel stimmt.)
5.	Sz – Sn	b)	—	17.1^s	16.8^s	(In Z. sehr scharfer Einsatz bei N-S.)
6.	Vsb		—	2.92 km	2.97 km	
7.	(S – P) Zürich	a)	(9.8^s)	10.2^s	10.4^s	
8.		b)	(12.3^s)	12.5^s	12.8^s	Mittel beobachtet: 12.65^s.
9.	S – P aus Geschwindigkeiten	b)	—	13.2^s	12.0^s	Mittel berechnet: 12.60^s.
10.	Verhältnis Vp : Vs	b)	—	1.74	1.66	

Zu vorstehender Tabelle, mit welcher die Angaben in der mikroseismischen Uebersichtstabelle zu vergleichen sind, ist folgendes zu bemerken. Die Indices mit kleinen Buchstaben beziehen sich auf Zürich und Neuchâtel; mit a und b sind zwei Einsätze von „S" unterschieden. Zu 1. und 2.: Die Werte für Pz – Pn sind als sehr zuverlässig anzusehen, ebenso ist dz – dn auf ± 1 km genau; demnach ist auch der Wert für Vp sehr zuverlässig. Die Einsätze S a) in Zürich sind wenig hervortretend; es sind aber diejenigen, welche genau zu der Conrad'schen Distanzformel stimmen. Es ergäbe sich darnach ein Verhältnis von Vp : Vs von 1.50 resp. 1.46 km, also zu klein für wirkliche Transversalwellen, welche theoretisch ca. 1.73 verlangen. Lässt man diese Wellen vom Herd ausgehen, so treffen sie in Zürich mit der Zeitdifferenz von 8.7^s gegen P ein, welche in Wirklichkeit 10.3^s betrug.

Nehmen wir aber bei Reihe 5 an, dass die wahren S die sehr scharfen, fast plötzlich zum Maximum ansteigenden Einsätze der Nordkomponente seien, dann bekommen wir (Zeile 6) neue Werte für Vs, welche nun für das Verhältnis Vp : Vs den guten Mittelwert 1.70 geben, und welche auch im Mittel sehr gut den wirklich beobachteten Wert von P – S ergeben. Wollen wir uns also auf den Boden der Wellenausbreitung im isotropen Medium stellen — was man bei Nahebeben allerdings, wie die Untersuchungen von O. Hecker über das mitteleuropäische Beben vom 20. Juli 1913 zeigen, nur mit allem Vorbehalt tun soll —, so dürfen wir jenen sehr scharfen Einsatz bei N–S als Transversalwelle ansprechen, und dies um so eher, als die Richtung zum Herd annähernd West ist, also in jenem Augenblick die Bewegung fraglos ganz vorwiegend transversal war. (S. das Diagramm auf Tafel II links unten.)

Versuchen wir nun die genommenen Geschwindigkeiten auf den beobachteten Wert P – S von Neuchâtel anzuwenden. Derselbe beträgt (im Mittel aus den Zahlen 5.6^s, 5.8^s und 5.3^s) sehr zuverlässig 5.5^s. Mit den gefundenen Geschwindigkeiten ergäbe er sich zu 5.8^s. Die Uebereinstimmung ist schon sehr gut; immerhin deutet die Differenz darauf, dass die Geschwindigkeiten gegen Neuchâtel zu ein wenig grösser waren, was auch sehr gut zu dem Umstand stimmt, dass in dieser Richtung die Wellen gänzlich im Jura verliefen. Der entsprechend leicht veränderte Ansatz P = 5.25 km und (nach dem Verhältnis 1.7) Vs = 3.10 km befriedigt die Differenz P – S nun völlig. Die für Neuchâtel angenommene etwas grössere Geschwindigkeit Herd-Neuchâtel verlangt aber in der Richtung nach Zürich eine Korrektur der Werte Pz – Pn um — 0.24^s und Sz – Sn um — 0.35^s (welche Korrektionen schon dem voraussichtlichen Endwert von V_P und V_s Rechnung tragen). Dieser Endwert für die wahren Geschwindigkeiten, der allen Beobachtungstatsachen innerhalb der Fehlergrenzen völlig gerecht wird, ist:

Für die Strecke Grenchen-Zürich, erste Vorläufer: **V_P = 5.10 km,** zweite Vorläufer: **V_s = 3.00 km.**
„ „ „ Grenchen-Neuchâtel: **„ V_P = 5.25 km,** **„ V_s = 3.10 km.**

Der wahrscheinliche Fehler dürfte bei V_P ± 0.20 km, bei V_s ± 0.15 km nicht überschreiten.

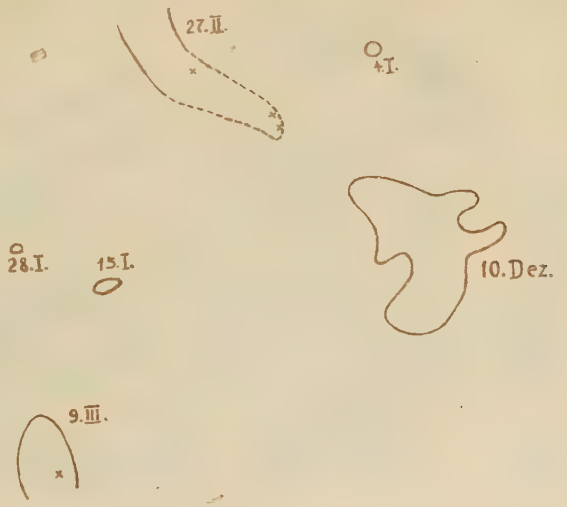
Damit scheint eine schwerlich sobald wiederkehrende Gelegenheit zur Gewinnung einer Fundamentalzahl für die elastische Fortpflanzungsgeschwindigkeit in oberflächlichen tertiären bis jurassischen Gesteinsschichten glücklich erfasst worden zu sein. Da bisher solche Zahlen nur sehr spärlich vorhanden sind, trotz ihrer Wichtigkeit für die Vorstellungen über den Betrag der seismischen Strahlenbrechung in den obersten Erdschichten, dürfte dieser Beitrag von Nutzen sein. Wie tief in unserm Fall die „obersten" Schichten gehen, hängt neben der Herdtiefe von der Annahme einer bestimmten Geschwindigkeitszunahme mit der Tiefe ab. Dass der Herd nicht wohl tiefer als 1—2 km angenommen werden darf, scheint nach den frühern Darlegungen höchst wahrscheinlich. Rechnet man ferner mit dem mittleren Krümmungsradius von ca. 300 km, der sich nach der bisher extremsten Annahme der Literatur über die Geschwindigkeitszunahme mit der Tiefe ergibt, so tauchen doch die nach Zürich gehenden Strahlen höchstens 3 km unter die Herdtiefe. Die oben ermittelten Geschwindigkeiten beziehen sich also wahrscheinlich nicht auf grössere Tiefen als höchstens 5 km.

Eine beachtenswerte, wenn auch nur qualitative Bestätigung unserer Annahme über die ungewöhnlich oberflächliche Lage des Herdes in diesem Fall sei noch angeführt: Sie liegt in der Tatsache, dass die Conrad'sche Formel für die Herdentfernung, die sonst so gut zu stimmen pflegt, diesmal auf eine um 20 km zu grosse Entfernung führt! Das ist aber gerade die Konsequenz, die sich aus einer oberflächlichen Lage des Herdes ergeben muss, sowohl aus geometrischen Gründen, wie wegen der ungewöhnlich kleinen Geschwindigkeiten, und der damit verbundenen Zunahme der Zeitdifferenz in der Ankunft der ersten und zweiten Vorläufer. Beide Einflüsse zu trennen, ist vorläufig nicht möglich.

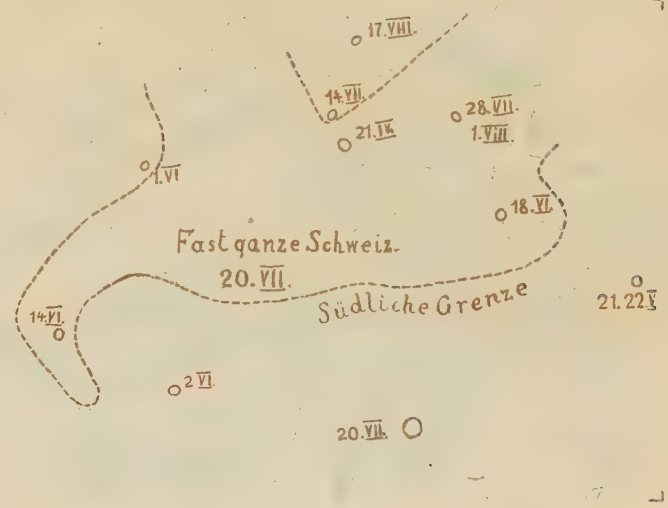
Erdbeben der Schweiz im Jahre 1913.

Tafel I.

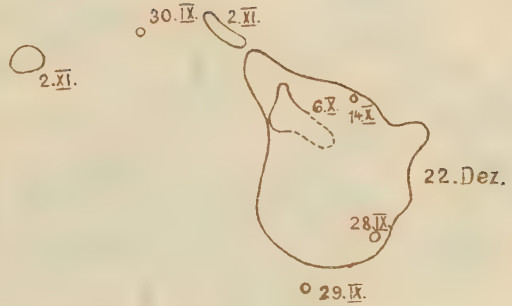
Januar – März u. 10. Dez.



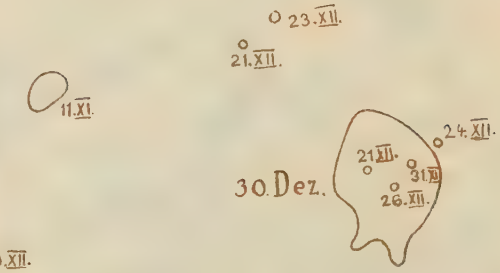
April – August.



Oktober, November u. 22. Dezember.



November, Dezember.



No. 7.

Der Walliser Talwind.

Von Dr. **R. Billwiller.**

In den Jahren 1896 und 1900 veranstaltete R. Billwiller, der damalige Direktor der schweizerischen meteorologischen Zentralanstalt, spezielle Beobachtungen über den Walliser Talwind, insbesondere über das ihn erzeugende Druckgefälle. Abgesehen von der Ableitung einiger vorläufiger Resultate, die er J. Hann für sein Lehrbuch der Meteorologie (pag. 439 der I. Auflage) mitteilte, war ihm jedoch die Verarbeitung und Publikation des Materials nicht mehr möglich. Dies an seiner Stelle zu tun, habe ich von jeher als eine Pflicht angesehen, die zu erfüllen ich leider erst jetzt in die Lage komme.

Frühere Beobachtungen und Erklärungsversuche des Walliser Talwindes.

Der in der wärmeren Jahreszeit bei einigermassen heiterem, ruhigem Wetter regelmässig vom obern Ende des Genfersees das Rhonetal aufwärts wehende Tagwind ist wohl einer der kräftigsten, wenn nicht der kräftigste durch die Terrainformen hervorgerufene periodische Lokalwind des Alpengebietes. Jeder Besucher des Tales, der auch nur in bescheidenem Masse Sinn für Naturbeobachtung hat, muss auf ihn aufmerksam werden. Um so mehr, als er sich nicht nur direkt, d. h. durch die Luftbewegung selber offenbart, sondern auch an seiner Wirkung kenntlich ist: die Bäume der Talsohle zeigen durchgängig eine starke talaufwärts gerichtete Neigung des Stammes und ganz unverkennbare Deformationen der Krone.

Es ist von Interesse, nachzusehen, wann und in welcher Weise dieses Talwindes in der Literatur früherer Zeiten Erwähnung getan wird. In Jos. Simlers Beschreibung des Wallis (Valesiæ descriptio libri duo Tiguri 1574) findet der dortige Talwind keine Erwähnung. Simlers Schilderungen fussen jedenfalls weniger auf eigener Wahrnehmung als auf Ueberlieferungen früherer Autoren; er legt darum auch auf das Historische das Hauptgewicht und kann den Philologen nicht verleugnen. Günther [1]) anerkennt zwar, dass der humanistische Geograph Jos. Simler sich dem Banne blosser Buchstabengelehrsamkeit entwand und an die Natur und die Tatsachen selbst appelieren lernte; doch finden sich in seinen Schriften wenig Belege eigener Forschung.

Auch bei dem in der Naturwissenschaft und Landeskunde weit besser bewanderten Joh. Jac. Scheuchzer finden wir den periodischen Charakter des Walliser Talwindes nicht erwähnt, obwohl dieser für seine Zeit vortreffliche naturwissenschaftliche Zürcher Autor und Arzt anfangs Juli 1709 das mittlere und untere Rhonetal selbst bereist hat und zwar, wie aus dessen Bericht über seine siebente Bergreise hervorgeht, bei meist hellem, warmem Wetter zwischen Siders und Martigny. Es scheint ihn niemand auf das periodische Eintreten des dortigen Windes am Vormittag und seines Abflauens gegen Abend aufmerksam gemacht zu haben. So kommt es, dass er in seiner Schrift „De Helvetiæ æribus acquis locis spec.", Zürich 1728—29 im Kapitel 16, wo er speziell die periodischen Winde bespricht und für den am Walensee, sowie im Bergell beobachteten regelmässigen Windwechsel eine physikalische Erklärung zu geben versucht, den Walliser Talwind gar nicht erwähnt.

Dagegen finden wir bei Albrecht von Haller nicht nur eine Erwähnung, sondern sogar eine eingehende Beschreibung und systematische Beobachtung des Rhonethalwindes. Es bot sich ihm hiefür allerdings eine bequeme Gelegenheit anlässlich seines sechsjährigen Aufenthalts (1758—64) in Roche als Direktor der Salinen. Das Dorf Roche liegt am rechtseitigen Rande der Talsohle, 5 km südöstlich vom Einfluss der Rhone in den Genfersee. Dem Forschergeist eines Haller musste das Phänomen eines periodischen Windes Interesse erwecken und zum Studium veranlassen. In einer der k. Societät der Wissenschaften zu Göttingen, deren ständiger Präsident er immer noch war, eingereichten Abhandlung de vento Rupensi [2]) berichtet er einlässlich über den im untern Rhonetal von der Bevölkerung „vent de Roche" genannten regelmässigen Talwind. Ich entnehme der ohne Zweifel von Haller selbst besorgten, in der Sammlung seiner kleinen Schriften (Bern 1772) publizierten Uebersetzung der erwähnten Abhandlung einige Stellen. Nach Beschreibung der topographischen Lage von Roche und der Behausung des Salzdirektors, seines damaligen Wohnsitzes, sagt Haller:

„In dieser Gegend herrschet allerdings jener berühmte Wind sehr oft, so dass er gemeiniglich um 9 Uhr des Morgens sich erhebet. Seine Kräfte nehmen allgemach zu, heftig durchstreicht er die ganze Gegend, und wird wiederum gegen 4 Uhr Nachmittags nach und nach kraftlos, so dass die wärmsten Nächte ohne allen Wind folgen. Die Richtung dieses Windes geht gegen Süden, doch auch zuweilen gegen Osten, welches fast die vornehmste Richtung des Tales ist.

[1]) Verhandl. d. schweiz. naturf. Gesellschaft zu Zofingen 1901, pag. 90.

[2]) s. novi comm. societatis regiæ scientiarum Gottingensis t I (1769—70), pag. 30.

Da es mir aber unglaublich schien, dass ein solcher Wind beständig seine unveränderten Stunden behaupten, und sowohl bey Regenwetter als bey heiterm Himmel mit gleicher Macht blasen könnte, so hab ich auf einem freyen Plaze ein eigenes Beobachtungs-Theater errichtet, wo der Wind sein Maas nach allen seinen Graden, gleich als in einem Zirkel herumgetrieben, zeigen könnte, und welches Gerüste seiner vollen Wuth ausgesetzt war. Ich habe die verschiedene Witterung und den Strich des Windes von achtzehn vollen Monaten aufgezeichnet; dass ich Ihnen aber, Hochgeehrteste Gefährten, keinen Ekel errege, so füge ich hier nur die Tabellen von acht Monaten bey. Ich gestehe übrigens, dass so viele andre nothwendige Geschäfte mir nicht verstattet haben, meinen Tabellen alle erforderliche Richtigkeit zu geben, doch werden sie in ihrer gegenwärtigen Gestalt für unsre Absichten hinlänglich seyn."

Hierauf folgt dann eine von Anfang März bis 14. Oktober 1760 sich erstreckende Witterungstabelle, in welcher neben dem Thermometerstand im Schatten (zuweilen auch gleichzeitig an der Sonne), dem Barometerstand und der Beschaffenheit des Himmels (Witterung), hauptsächlich Angaben über Richtung und Stärke des Windes eingetragen sind. Der Tabelle lässt der Autor nachstehende Bemerkungen folgen.

„Ob nun gleich die Tabellen nicht gar zu vollkommen sind, so erhellet doch daraus, dass der Wind meistentheils von Mitternacht her bläset, dass es mehr ein voller Nord- oder gegen Westen abweichender Wind ist, und dass er weniger aus der Gegend zwischen Mitternacht und dem Aufgang herkömmt; meistenteils auch bläst er bey heiterm Himmel, doch geschieht es zuweilen, wiewohl seltener, dass es dabey trüb Wetter ist oder regnet.

Doch ist aber die Herrschaft dieses Nordwindes nicht dermassen unveränderlich, dass nicht auch von Zeit zu Zeit der Süd und die Winde zwischen Süden und Osten weheten, selten aber erheben sich einige zwischen Süden und Westen. Oft herrscht auch eine allgemeine Windstille.

Nachdem wir dieses festgesetzt haben, so wird es nicht sehr schwer seyn, die Ursache dieser Erscheinung zu finden, warum bey hellem Himmel in den Morgenstunden, nemlich fast von der neunten an, bis um 4 oder 5 Uhr des Nachmittags Winde herrschen, deren vorzüglicher Ursprung der Nord ist.

Das enge auf beyden Seiten von 3000 Schuh hohen Bergen eingeschlossene Thal öffnet sich von Mitternacht gegen Abend hin: Auf der südlichen und östlichen Seite wird es durch entgegenstehende Berge versperret. Diese Berge haben eine gewisse Macht die Winde abzuhalten und machen, dass der in Helvetien sonst sehr häufige Ostwind hier überaus selten ist, indem die mit Schnee bedeckten Alpen zwischen Wallis und der zu Bex gehörigen Gegend diese Gattung Winde auffangen. Hieraus erhellet nun, dass diejenigen Winde am öftesten blasen müssen, denen das Thal gegen den Genfersee hin offen stehet.

Es ist noch übrig, dass wir den Grund anzeigen, warum der Nord- oder die mit ihm verwandten Winde meistentheils zu diesen gewissen Stunden blasen.

Die von Osten gegen Süden ihren Lauf richtende Sonne wirft ihre Strahlen frey in den mittägigen Theil unses Thales, ehe sie noch zu derjenigen Höhe kömmt, dass ihr nun der Weg zwischen den beyden Alpenketten, der südlichen und der nördlichen, offen stehet, welche beyde Ketten unser Thal einschliessen und nur nahe bey St. Moriz einen freyen Zugang ins Wallis verstatten. Diese von der Wärme verdünnerte und eine Zeitlang zwischen hohen Bergen eingeschlossene Luft, wo sie sich in kein Gleichgewicht vertheilen kann, giebt der über dem Genfersee und dem Jura-Gebirge liegenden Luft nach, als wohin die Sonne später kömmt, da sie die Bergketten übersteigen muss, da sich bey St. Saphorin in den See herabsenken. Die kältere und dichtere Nordluft ergiesst sich also in die andere verdünnte Luft, die über dem Lande Wallis herrscht, so wie allerdings ein Wind gegen eine Brunst blaset, sobald die benachbarte kühle Luft eine wärmere Luft verdrängen kann, die weniger widerstehet."

Wir ersehen aus dem Vorstehenden, dass Haller, wenn auch in einer im Detail nicht ganz zutreffenden Weise doch im Ganzen richtig die Ursachen des periodischen Auftretens des Windes in Roche in der ungleichen Erwärmung der Luft im Tal und derjenigen der Umgebung und der dadurch bedingten verschiedenen Luftdichtigkeit sucht. Eine vollständige Theorie der Erscheinung konnte er bei dem damaligen Stande der Meteorologie, wo der Begriff des barometrischen Gradienten noch fehlte, natürlich nicht geben; wir verdanken sie bekanntlich erst den Untersuchungen von J. Hann.

Aus neuerer Zeit findet sich im Bulletin Soc. vaud. sc. nat. 1856/57, pag. 307 eine Notiz über den Walliser-talwind von A. Morlot, der die Dünen im Sande der damals noch ungehindert in Serpentinen sich bewegenden Rhone beschreibt. Es heisst dort:

„Le vent suit à peu près la même direction. En remontant la vallée de St. Maurice à Martigny il vient frapper contre le flanc de la montagne à l'Est de Martigny, et de là il est renvoyé obliquement à la direction principale du cours du Rhône entre Martigny et Saxon. Ce courant remontant la vallée est le vent fortement prédominant, et c'est là une des conditions d'existence nécessaires pour la formation et la marche des dunes. On reconnaît cette prédominance du vent dans la direction indiquée à l'aspect des arbres et arbrisseaux, dont le branchage est fortement dévié vers le haut de la vallée. La bise remonte la vallée et dès que le temps est au beau, il s'établit également un fort courant d'air dans le même sens. Les environs de Sion semblent agir comme un foyer d'appel produisant un courant remontant la vallée jusqu'à Riddes et dans le Haut-Valais un courant contraire descendant jusqu'à Granges, tandis qu'à Sion même, il y aurait selon toute apparence, un courant ascendant plus ou moins vertical. Cela rendrait compte de la sécheresse remarquable du climat de Sion, où il pleut bien plus rarement que plus haut ou plus bas dans la vallée du Rhône."

Es sei gleich bemerkt, dass die Erstreckung des Talwindes hier nicht richtig angegeben wird; derselbe ist in Siders noch recht deutlich und verschwindet erst mit der Talstufe oberhalb Brig.

Eine ausgezeichnete, offenbar aus vielen persönlichen Beobachtungen hervorgegangene Schilderung des Talwindes und seiner örtlich wechselnden Intensitäten gibt A. Puenzieux, chef du service des forêts du canton de Vaud in seiner Abhandlung: Contribution à l'étude du reboisement de la plaine du Rhône [1]); wir entnehmen ihr folgendes:

[1]) Schweiz. Zeitschrift für Forstwesen, 48. Jahrg. (1897), Heft 1—3.

„Chaque jour de beau temps et aussi longtemps qu'un courant général intensif ne domine pas, il s'établit dans la vallée du Rhône un vent local particulier et indépendent que les habitants ont l'habitude de confondre avec la bise, parce qu'il vient de la même direction. Ce vent local ascendant, observé dans presque toutes les vallées étroites de la Suisse, se produit dans le jour, la nuit il est moins fort et a une direction inverse . . . . "

„Sur territoire vaudois, alors que le ciel est clair, que le lac est limpide et uni comme un miroir, on sent, dès 9 ou 10 heures du matin, à Noville, Rennaz, une légère brise venant comme du nord, soit du lac, et durant jusqu'à 4 à 5 heures du soir. Audessous de Roche, elle est déjà plus forte, devient un véritable vent, augmente d'intensité derrière Versvey, sous Yvorne, sous Aigle, sous Ollon, pour diminuer ensuite peu à peu après la gare de Bex. A Sous-Vent, près St- Maurice, on ne ressent plus qu'un faible courant.

Certains beaux jours, ce vent est si violent qu'il entrave sensiblement la rentrée du fourrage et incommode la circulation à pied.

Sur les versant de la montagne, on sent ce vent jusqu'à une élévation de 4 à 500 mètres audessus de la plaine; on le constate de visu par les ondulations de la cime des arbres des forêts.

Dans le Valais en amont de St- Maurice, ce vent local ascendant reprend avec une bien plus grande intensité que sur Vaud et dégénère quelquefois en vraies rafales.

Eiche bei Versvey

Apfelbaum bei Martigny

Kirschbaum bei Aigle

Nous ne possédons pas encore de données positives sur la vitesse que peut atteindre ce vent, mais nous croyons pouvoir affirmer, d'après nos observations personnelles, qu'elle peut monter jusqu'à 6—8 mètres par seconde, si ce n'est plus. Les premiers jours d'avril de l'année passée, à la gare de Saxon, vers trois heures du soir, il était difficile de se tenir debout sans se cambrer fortement et ce n'est qu'avec peine que nous pouvions faire maintenir notre appareil photographique sur son trépied.

Quant au vent local nocturne, nous ne l'avons pas observé nous-mêmes assez sûrement pour pouvoir en donner des indications précises. Les renseignements recueillis affirment bien son existence, mais le public n'y prend pas garde."

Puenzieux bespricht dann die schon erwähnten Windformen der Bäume, von denen einige typische Exemplare abgebildet werden. Dank des Entgegenkommens des Autors und der Redaktion der Forstzeitung können die Clichés hier reproduziert werden. Am stärksten werden die Kirschbäume deformiert; auch Nussbäume, Aepfel- und Birnbäume zeigen höchst ausgesprochene Windformen, aber auch alle andern Laubbäume wie Eichen, Espen, Birken, Pappeln, Weiden und Eschen werden deformiert.

Nach J. Früh: Die Abbildung der vorherrschenden Winde durch die

Birnbaum bei Martigny

Pflanzenwelt[1]) liegt das Intensitätsmaximum oberhalb der kanonartigen Talstrecke St. Maurice-Martigny und ist von Leuk an die Erscheinung abgeschwächt, so dass sie von Brig an im Oberwallis kaum mehr zur Geltung kommt. „Die Seitentäler bedürfen noch einer speziellen Untersuchung."

Schliesslich sei noch erwähnt, dass der letztgenannte Autor auch die intramoränischen Lössfunde im Wallis (zwischen Saint Triphon und Naters bei Brig) als Produkt des Talwindes in der Zeit nach dem Rückzug der quartären Gletscher erkannte.[2])

[1]) Jahresbericht der Geograph. Ethnographischen Gesellschaft Zürich, 1901/1902.

[2]) J. Früh, Ueber postglacialen, intramoränischen Löss (Lössand) im schweizerischen Rhonetal, Eclogæ geologicæ Helvetiæ vol. IV, No. 1 (Juni 1899).

Orographische Verhältnisse.

Die bedeutende Intensität, die der Walliser Talwind erreicht, hängt natürlich zusammen mit den aussergewöhnlichen Dimensionen dieses grössten schweizerischen Alpentales. Seine Länge beträgt vom Genfersee (374 m) bis nach Gletsch (1761 m) über 150 km; der ebene Talboden erreicht in der sogenannten „Plaine du Rhône" zwischen Genfersee und Bex (vor den Defile von St. Maurice) eine Breite von 4—5 km; aber auch oberhalb Martigny, wo das Tal in scharfem Knie aus der NW–SE- in die SW–NE-Richtung abbiegt, finden wir noch einen ebenen Talboden von 2—3 km Breite bis gegen Siders (550 m) hinauf, das ungefähr in der Mitte des Tales liegt. Oberhalb der (durch einen prähistorischen Bergsturz von der rechten Talseite geschaffenen) Hügellandschaft von Siders und dem mächtigen Schuttkegel des Illgrabens erscheint noch einmal ein ebener Talboden von durchschnittlich 1 km Breite und erst von Brig (675 m) an, wo die von Siders bis Brig westöstliche Richtung wieder in die südwest-nordöstliche übergeht, beginnt merkliche Steigung und etwas mehr schluchtartiger Verlauf des Tales.

Die seitliche Umrahmung des Tales bilden im Norden der Kamm der Berneralpen, die sich in grandioser Steilheit von der Talsohle zu den höchsten Gipfeln aufschwingen; im Süden die Walliseralpen, deren Hauptkamm durchschnittlich dreimal so weit von der Talsohle entfernt ist als derjenige der Berneralpen; auf der Nordseite daher kurze, schluchtartige Seitentäler, auf der Südseite dagegen solche bis zu 30 km Länge. — Gleichartiger ist die Orographie der beiden Talseiten von Martigny bis Genfersee (Quertal durch die nördliche Kette!).

Das Gebiet des Talwindes.

Nach A. Puenzieux erreicht der sich in einiger Entfernung vom See erhebende Talwind schon im untern Rhonetal auf Waadtländerboden eine ziemliche Intensität („qu'il entrave sensiblement la rentrée du fourrage et incommode la circulation à pied"). Von Bex an nimmt dann seine Stärke gegen das Defile von St. Maurice zu rasch ab und noch vor der Talsperre finden wir im Siegfried-Atlas zweimal den Flurnamen „Sous-Vent", welche Bezeichnung wohl mit Sicherheit darauf zurückzuführen ist, dass hier von dem die ganze Rhoneebene bestreichenden regelmässigen Tagwind nichts zu spüren ist, eine Erscheinung, welche dem Volke auffällig genug war, um in den Flurnamen zum Ausdruck zu kommen. In der Höhe muss natürlich der durch den beinahe vollständigen Talschluss gestaute Luftstrom nach Süden weiter fliessen. Es wäre interessant, dies durch Pilotballons nachzuweisen. Ueberhaupt wäre durch solche noch in verschiedener Hinsicht Aufschluss über den Talwind (z. B. die vertikale Erstreckung desselben!) zu bekommen, was, wie ich hoffe, in nicht allzuferner Zukunft einmal versucht werden soll.

Oberhalb des Querrigels von St. Maurice scheint dann der Wind sich wieder auf die Talsohle zu senken und sukzessive an Stärke zuzunehmen; seine grösste Intensität soll er oberhalb der Talknickung von Martigny, etwa in der Gegend von Saxon erreichen, wo die schönsten Windformen der Bäume vorkommen; aber noch das ganze mittlere Wallis kennt ihn als kräftige Luftbewegung, die erst in dem bei Leuk beginnenden schmälern, westöstlich verlaufenden Talstück allmählich zurückgeht. Immerhin ist sie bei Brig noch deutlich vorhanden.

In den Windbeobachtungen der meteorologischen Stationen des Wallis prägt sich der Talwind scharf aus, wie folgende Uebersichten zeigen. Aigle repräsentiert die untere Rhoneebene, Martigny und Siders das mittlere Wallis und Glis bei Brig den obersten Teil des Tales, wo der Talwind noch deutlich auftritt; leider ist letztere Beobachtungsreihe nur kurz. Die Windbeobachtungen der am längsten in Betrieb stehenden Station des Tales, Sion, sind leider wegen öfterer Translokation und mangelhafter Stationsführung in früheren Jahren nicht gut zu verwenden.

Aigle (1882—1900).

Mittlere Häufigkeit der Hauptwindrichtungen (die übrigen kommen nur ganz vereinzelt vor).

	NW			E			SE		
	7 a	1 p	9 p	7 a	1 p	9 p	7 a	1 p	9 p
Januar	1.0	2.1	2.9	2.6	0.2	4.4	2.7	2.1	2.7
Februar	0.8	4.7	4.6	2.8	0.8	3.7	4.0	1.3	2.3
März	1.1	11.8	4.9	3.4	0.1	4.4	3.8	1.2	5.0
April	1.1	17.7	4.3	1.7	0.1	3.8	2.3	0.6	4.7
Mai	0.9	14.8	4.3	0.7	0.1	3.9	1.7	0.7	4.4
Juni	0.2	13.8	2.0	0.2	0.1	6.6	0.8	0.3	2.3
Juli	0.4	13.7	2.0	0.8	0.4	6.1	1.1	0.8	5.6
August	0.7	13.9	3.3	1.9	0.1	3.3	2.9	0.6	5.9
September	0.4	10.4	3.6	2.9	0.4	5.4	1.7	0.3	1.4
Oktober	0.4	6.4	3.6	3.2	0.2	4.9	3.0	1.0	2.7
November	0.8	4.9	4.4	4.3	0.7	5.3	3.9	1.8	1.3
Dezember	1.4	2.7	4.9	4.9	0.0	6.2	2.9	1.8	1.3

Martigny-Bourg (1864—1873).

	N und NW			E			SE		
	7 a	1 p	9 p	7 a	1 p	9 p	7 a	1 p	9 p
Januar	1.4	2.8	1.1	1.1	0.4	0.4	0.8	0.7	0.8
Februar	2.4	6.5	3.7	1.0	0.2	0.6	1.4	0.8	0.9
März	4.4	17.3	7.3	0.8	0.4	0.4	1.2	2.2	2.0
April	3.8	17.6	6.1	0.5	0.1	1.4	0.9	1.7	2.6
Mai	5.1	22.0	5.7	0.2	0.6	0.7	0.7	2.5	1.8
Juni	4.1	25.4	6.1	0.3	0.1	1.0	0.3	0.3	0.4
Juli	3.4	25.2	5.2	0.2	0.3	1.4	0.1	0.3	0.2
August	2.8	23.1	4.1	0.2	0.0	2.0	0.3	0.3	0.5
September	1.3	18.2	2.4	0.5	0.2	1.5	1.1	1.0	0.6
Oktober	3.2	12.0	3.4	0.5	0.2	1.3	1.1	1.6	1.4
November	3.4	5.2	2.7	0.4	0.3	0.3	1.7	2.2	1.9
Dezember	2.1	4.2	2.7	0.6	0.3	0.5	0.9	0.6	0.8

Glis bei Brig (1864—1866).

	SW			SE			NE und E		
	7 a	1 p	9 p	7 a	1 p	9 p	7 a	1 p	9 p
Januar	3.0	4.7	1.7	0.3	1.3	1.0	1.7	1.3	2.3
Februar	4.3	5.3	5.3	—	1.0	1.0	5.0	1.3	4.3
März	5.3	8.7	10.3	1.0	4.7	1.7	4.0	1.7	5.0
April	1.0	8.0	3.7	2.0	6.7	3.3	2.3	2.0	4.3
Mai	2.7	12.3	4.7	0.3	3.0	3.0	3.3	3.7	1.7
Juni	2.7	13.0	6.0	0.3	1.3	1.3	1.7	1.3	3.7
Juli	4.0	19.3	6.0	—	1.7	0.7	1.3	2.3	2.0
August	3.3	18.7	7.0	0.3	1.7	0.3	—	0.7	0.7
September	2.3	14.3	2.3	0.7	3.7	1.7	2.3	—	1.3
Oktober	0.7	9.0	1.0	1.0	6.0	5.7	4.0	1.7	0.3
November	3.3	3.3	2.7	—	2.7	1.3	3.0	2.0	1.3
Dezember	2.3	1.0	2.3	1.0	2.3	2.3	2.7	1.7	1.7

Bemerkungen. Aigle: Auffallenderweise tritt das Häufigkeitsmaximum des Talwindes (NW) in der vorliegenden Reihe im April auf! Die E- und SE-Winde sind Morgen- und Abendwinde, erstere am häufigsten in der kühleren Jahreszeit, während die Häufigkeit der Luftbewegung aus diesem Quadranten am Abend umgekehrt im Sommer etwas häufiger ist.

Martigny: Diese sehr sorgfältig beobachtete Reihe bringt das sozusagen tägliche Wehen des Talwindes (für Martigny noch aus N und NW) im Sommer besonders schön zum Ausdruck. Der nächtliche Gegenwind ist kaum angedeutet. Die im Frühjahr und Herbst etwas häufiger auftretenden SE-Winde sind Föhnwinde.

Glis: Die Beobachtungsdauer ist natürlich viel zu kurz, um eine ausgeglichene Reihe zu liefern. Immerhin geht aus ihr das Vorhandensein des Talwindes auch in diesem oberen Teile des Wallis deutlich hervor; im Frühjahr und Herbst tritt derselbe hier öfters als SE auf, was nicht rein lokal sein kann, da auch eine kurze Reihe von Brig es bestätigt.

Besonderes Interesse darf die folgende Tabelle für Siders beanspruchen. Um aus den mit der gewöhnlichen Wildschen Windfahne gemachten Beobachtungen dieser gut geführten Station die jährliche Periode des Talwindes bezüglich Häufigkeit und Intensität so gut wie möglich festzustellen, wurden alle Tage gezählt, an denen um Mittag der Talwind geweht hatte, unter Ausschluss derjenigen, an denen eine allgemeine Luftströmung mit westlicher Komponente sich nachweisen liess. Gleichzeitig wurde ihre Intensität notiert, sowie auch diejenige der Luftbewegung um 7 a und 9 p dieser Tage, gleichgiltig welche Richtung die Windfahne an diesen beiden Terminen zeigte, um die Luftruhe am Morgen und Abend nachzuweisen. Schliesslich wurde auch noch die Häufigkeit der NE-Winde für 7 a ermittelt, um einen allfälligen Nachtwind nachzuweisen. So kam folgende Tabelle zustande:

Siders (1892—1901).

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Mittlere Häufigkeit des reinen Talwindes um 1 p	7.0	11.6	16.7	18.7	19.0	19.4	21.9	23.9	21.7	18.5	14.7	4.4
Intensität der Luftbewegung um 7 a	0.2	0.3	0.4	0.3	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.2
„ des Talwindes	0.5	0.8	1.5	1.8	2.4	2.5	2.5	2.0	1.7	1.1	0.8	0.5
„ der Luftbewegung um 9 p Beaufortskala!	0.2	0.1	0.4	0.4	0.4	0.2	0.3	0.2	0.1	0.1	0.0	0.1
Mittlere Häufigkeit der NE-Winde um 7 a	0.8	3.0	2.8	2.7	1.7	3.1	2.0	2.1	2.1	1.6	3.7	1.3

Die Häufigkeit des Talwindes nimmt also mit wachsender Sonnenhöhe sehr rasch zu und ist, wenn man sie in Beziehung setzt zu der Anzahl der hellen Tage, welche im Sommer grösser ist als im Frühjahr, schon im April so gross wie im Sommer. Die Intensität erreicht im Frühsommer, Mai—Juli, ihr Maximum; dies spricht für die Richtigkeit der Hannschen Theorie der Talwinde, welche in der Hebung der Flächen gleichen Druckes über dem Tal die Ursache der Luftbewegung sucht; denn diese erreicht im Frühsommer ihren grössten Betrag, wo die Temperatur zwischen Tal und Berghang am grössten ist. — Von einem ausgesprochenen Nachtwind wird man angesichts der fehlenden jährlichen Periode in der Häufigkeit der NE-Winde um 7 a kaum sprechen können.

Der barometrische Gradient.

Schon die Barometermittel der drei Beobachtungstermine lassen die starke Auflockerung der Luft über dem Wallis am Nachmittag erkennen.

Martigny-Bourg, 493 m (1864—1880).

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Jahr	
7 a	721.44	720.88	717.56	718.46	719.12	720.75	721.19	720.92	721.78	719.89	719.49	720.22	720.14	mm
1 p	720.82	720.01	716.52	717.25	717.81	719.51	719.81	719.74	720.41	718.86	718.65	719.64	719.09	„
9 p	721.56	720.71	717.32	718.06	718.74	720.44	720.79	720.62	721 36	719.82	719.36	720.42	719.93	„
⊿ 7a–1p	0.62	0.87	1.04	1.21	1.31	1.24	1.38	1.18	1.37	1.03	0.84	0.58	1.05	

Noch grösser ist die tägliche Schwankung in Siders; die Mittelwerte der für die Auszählung der Häufigkeit und Intensität des Talwindes benutzten Jahre sind folgende:

Siders, 552 m (1892—1901).

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Jahr	
7 a	714.98	713.91	711.98	712.77	712.77	714.59	715.15	715.73	715.71	714.09	715.61	714.72	714.33	mm
1 p	713.99	712.82	710.61	711.08	710.90	712.83	713.23	713.95	714.04	712.56	714.39	713.83	712.85	„
9 p	714.88	713.81	711.69	712.48	712.41	714.26	714.62	715.33	715.34	713.99	715.55	714.67	714.09	„
⊿ 7a–1p	0.99	1.09	1.37	1.69	1.87	1.76	1.92	1.78	1.67	1.53	1.22	0.89	1.48	

Vom Mai bis September 1893 liegen Luftdruckregistrierungen von Siders (grosser Richardscher Barograph) vor; aus ihnen berechnete ich die Gleichung des täglichen Ganges für den Sommer (Mai/August).

Die Stundenmittel der 4 Monate sind:

Siders, *Stundenmittel des Barometers im Sommer 1893.*

	1 a	2	3	4	5	6	7	8	9	10	11	Mittag	
Mai . . .	713.67	713.65	713.64	713.67	713.76	713.90	713.82	713.65	713.28	712.90	712.55	712.12	
Juni . . .	713.61	713.59	713.64	713.78	713.92	713.96	713.88	713.64	713.25	712.92	712.56	712.21	
Juli . . .	713.54	713.49	713.52	713.61	713.75	713.84	713.79	713.59	713.34	713.01	712.63	712.18	
August . .	716.05	716.08	716.10	716.15	716.34	716.50	716.53	716.35	716.12	715.75	715.47	714.93	
Mittel	714.22	714.20	714.22	714.30	714.44	714.55	714.50	714.31	714.00	713.64	713.30	712.86	

	1 p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Mai . . .	11.84	11.65	11.58	11.61	11.76	12.05	12.42	12.80	13.17	13.36	13.48	13.52	12.91
Juni . . .	11.91	11.63	11.47	11.46	11.64	11.95	12.40	12.95	13.39	13.55	13.69	13.78	12.95
Juli . . .	11.92	11.78	11.68	11.73	11.85	12.10	12.47	12.87	13.13	13.40	13.55	13.53	12.93
August . .	14.54	14.16	13.88	13.78	13.85	14.12	14.62	15.09	15.50	15.77	15.89	15.98	15.40
Mittel	12.55	12.31	12.15	12.14	12.27	12.55	12.98	13.43	13.80	14.02	14.15	14.20	13.55

Nach Elimination der unperiodischen Aenderungen vom Beginn bis zum Schluss der Beobachtungsreihe ergibt sich als Gleichung des täglichen Ganges des Barometers in Siders im Sommer

$$713.54 + 1{,}124 \sin (35°29' + x) + 0.350 \sin (180°31' + 2x).$$

Der tropische Wert der Konstanten des 1. Gliedes, welcher die Amplitude der einmaligen täglichen Oscillation darstellt, bringt die enorme Vergrösserung der letzteren in dem eingeschlossenen Talbecken zum Ausdruck.[1])

Zur Bestimmung des Druckgefälles vom Genfersee gegen das Wallis lassen sich mit Vorteil die Stationen Lausanne (552.8 m) und Siders (551.5 m) verwenden, weil die sozusagen gleiche Meereshöhe beinahe keine Reduktion nötig macht. Es betragen die (reduzierten) Barometerdifferenzen Lausanne–Siders für den Zeitraum 1892—1901

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Jahr
7a	−0.39	−0.41	−0.15	−0.03	0.19	0.16	0.05	−0.02	−0.21	−0.43	−0.53	−0.52	−0.18
1p	0.47	0.58	1.08	1.42	1.62	1.57	1.60	1.50	1.24	0.88	0.51	0.19	1.06
9p	−0.07	−0.17	0.09	0.27	0.41	0.35	0.41	0.20	0.03	−0.15	−0.32	−0.30	0.06
Mittel	0.00	0.00	0.34	0.55	0.74	0.69	0.69	0.56	0.35	0.10	−0.11	−0.21	0.31

Um Mittag besteht also das ganze Jahr hindurch ein barometrisches Gefälle vom Genfersee gegen das Wallis, das selbst im Dezember nicht ganz verschwindet und im Frühjahr rasch zum Maximum von 1.6 $^{m}/_{m}$ für die Monate Mai—Juli anwächst. Auf den Aequatorgrad und Meeresniveau reduziert gibt das einen Gradienten von 1.9 $^{m}/_{m}$. Um 9^{h} abends ist das Gefälle nur noch vom März bis August — natürlich sehr abgeschwächt — vorhanden; im Mai und Juni zeigt es schon die 7^{h}-Morgenbeobachtung im Entstehen begriffen, während in den übrigen Monaten zu dieser Zeit sonst ein talauswärts gerichtetes Gefälle besteht, das aber bedeutend kleiner ist und im Maximum einen Gradienten von 0.6 $^{m}/_{m}$ gibt (November—Dezember).

Talwindbeobachtungen im Sommer 1896.

Im Juli 1896 wurde eine erste Serie von Spezialbeobachtungen zur Untersuchung des Walliser Talwindes veranstaltet. Aus korrespondierenden Luftdruckregistrierungen in Mt. Fleuris s. Montreux (590 m) und in Siders (552 m) wurde der kontinuierliche tägliche Gang der Druckdifferenzen ermittelt. Es ergab sich

17./27. Juli 1896.

	1a	2	3	4	5	6	7	8	9	10	11	Mittag	
Siders	715.58	715.52	715.51	715.55	715.62	715.70	715.76	715.58	715.38	715.02	714.65	714.25	
Montreux	711.75	711.65	711.52	711.51	711.59	711.70	711.84	711.93	711.83	711.79	711.71	711.51	
Δ	3.83	3.87	3.99	4.04	4.03	4.00	3.92	3.65	3.55	3.23	2.94	2.74	
δ	0.53	0.57	0.69	0.74	0.73	0.70	0.62	0.35	0.25	−0.07	−0.36	−0.56	
d	0.08	0.12	0.24	0.29	0.28	0.25	0.17	−0.10	−0.20	−0.52	−0.81	−1.01	
	1p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Siders	713.84	713.50	713.35	713.31	713.50	713.83	714.25	714.52	715.00	715.26	715.44	715.60	714.81
Montreux	711.32	711.17	711.04	710.97	710.94	710.96	711.11	711.32	711.66	711.77	711.85	711.91	711.51
Δ	2.52	2.33	2.31	2.34	2.56	2.87	3.14	3.20	3.34	3.49	3.59	3.69	3.30
δ	−0.78	−0.97	−0.99	−0.96	−0.74	−0.43	−0.16	−0.10	0.04	0.19	0.29	0.39	—
d	−1.23	−1.42	−1.44	−1.41	−1.19	−0.88	−0.61	−0.55	−0.41	−0.24	−0.16	−0.06	−0.45

Die Abweichungen δ der einzelnen Stunden von der mittleren Differenz geben noch nicht das volle zu der betreffenden Stunde bestehende Druckgefälle zwischen Montreux und Siders, da ja, wie wir gesehen haben, im Sommer auch im Tagesmittel ein beträchtlicher barometrischer Gradient gegen das Wallis vorhanden ist. Nach dem im gleichen Niveau gelegenen Stationspaar Lausanne–Siders beträgt derselbe für unsern Zeitraum

Δ Lausanne–Siders 17./27. Juli 1896, Distanz 100 km
7a 0.02 $^{m}/_{m}$
1p 1.40 „
9p 0.34 „
Mittel 0.59 $^{m}/_{m}$

[1]) Eine sehr merkwürdige Erscheinung ist sodann die Verfrühung der Eintrittszeiten der Extreme der halbtägigen Schwankung. Die Winkelkonstante des 2. Gliedes, welche die Phasenzeit derselben angibt, zeichnet sich sonst ja durch grosse Konstanz aus und beträgt ca. 150°, d. h. die Maxima der halbtägigen Welle treten um 10a und 10p, die Minima um 4a und 4p auf. Unsere Gleichung gibt nun für Siders den Eintritt dieser Extreme mit dem Winkel von 180° um 1 Stunde verfrüht. Ein systematischer Zeitfehler liegt, soviel ich sehe, nicht vor. Für den Juni wurde die Rechnung gesondert durchgeführt und lieferte

$$712.95 + 1.201 \sin (39° 14' + x) + 0.339 \sin (182° 23' + 2x).$$

Auch die unten folgenden kurzen Beobachtungsreihen von Siders und Saxon zeigen einen merkwürdig grossen Phasenwinkel (170 u. 160°); die Differenz gegen Montreux und Villeneuve beträgt 30°. Letzteres Resultat ist absolut sicher, da die Apparate während dieser Spezialbeobachtungen von Beamten der Zentralanstalt bedient wurden; ob an dem merkwürdig grossen Winkel von 1893 mangelhafte Zeitkontrolle des Barographen schuld ist, muss eine zukünftige längere Beobachtungsreihe lehren.

Ein Vergleich mit den auf pag. 7 mitgeteilten mittleren Differenzen (1892—1901) für den Juli zeigt, dass das annähernd normale Werte sind. Nehmen wir nun an, dass das barometrische Gefälle bis Siders ein gleichmässiges sei, so kommt auf die Distanz Montreux–Siders 0.45 $^{m}/_{m}$, um welchen Betrag die stündlichen Abweichungen von der mittleren Differenz zu korrigieren sind. Das gibt die Ziffern der letzten Zeile (d). Die Multiplikation mit 1.54 (Reduktion auf den Aequatorgrad) liefert endlich den Gradienten, welcher mittags 3^{h} mit 2.22 $^{m}/_{m}$ seinen grössten Wert erreicht; der talauswärts gerichtete nächtliche Gradient kommt im Maximum nur auf 0.38 $^{m}/_{m}$. Das Verhältnis von 6:1 lässt einen sehr schwachen nächtlichen Bergwind erwarten.

Die Gleichung des täglichen Barometerganges von Siders für die betreffende Periode (17./27. Juli 1896) lautet:

$$714.81 + 1.133 \sin (34° 47' + x) + 0.378 \sin (169° 44' + 2x).$$

Zur genaueren Bestimmung der Intensität des Talwindes wurde in Saxon ein kleines Fuessches Anemometer mit Zählwerk aufgestellt und vom 8. Mai bis 15. Juli 1896 täglich von 6 a bis 6 p in zweistündigen Intervallen abgelesen. Hie und da kamen Ablesungsfehler vor; trotzdem wurde versucht, das wertvolle Material verwertbar zu machen, um die Windgeschwindigkeit des genannten Zeitraums im Mittel aller Tage mit talaufwärts gerichteter Luftbewegung (47 Tage; besonders der Juni war verhältnismässig trüb und regnerisch) zu erhalten.

***Saxon** (Mai/Juli 1896), mittlere Geschwindigkeit (m p s) des SW*

8–10 a	10–12 a	12–2 p	2–4 p	4–6 p
2.9	4.1	5.1	6.0	5.2

Mitte Juli wurde dann das Anemometer nach Siders versetzt, wo Herr Mettler, Assistent der Zentralanstalt, den Barographen besorgte und nun an einigen Tagen stündliche Anemometerablesungen machte. Der Talboden ist bei Siders nicht eben wie im übrigen Wallis, sondern durch einen prähistorischen Bergsturz in eine Hügellandschaft umgewandelt. Auf dem kleinen Plateau eines dieser Hügel (bei der Taubstummenanstalt La Géronde), ca. 100 m über der Talsohle wurde gemessen:

Siders, La Géronde (630 m).

	8–9 a	9–10	10–11	11–12	12–1 p	1–2	2–3	3–4	4–5	5–6	6–7	Wetter	Barometerdifferenz Lausanne–Siders 7^{h}	1^{h}	9^{h}
Juli 18.	4.9	5.2	4.0	3.2	3.5	5.0	7.1	7.3	4.9	1.8	2.9	bewölkt bis bedeckt	0.6	1.8	1.2
„ 19.	3.8	2.5	2.1	3.0	4.0	5.0	4.6	5.8	7.0	6.0	—	hell	0.3	1.4	0.3
„ 20.	—	1.4	1.4	2.2	3.5	5.3	6.3	7.6	7.6	5.3	4.0	hell	–0.2	1.3	–0.8
und auf einem kleineren Hügel (540), wenige Meter über der Talsohle															
Juli 23.	2.2		3.2		4.8		4.8		3.4		—	a hell, p bewölkt	0.0	1.5	0.9
„ 25.	n u. a m bis gegen 12^{h} zeitweise NE				1.9	2.8	3.1	5.0	3.9	3.5	2.5	hell	–0.3	1.3	–0.3
„ 26.	n und a m bis gegen 12^{h} meist NE				1.6	1.6	1.7	2.1	3.5	2.5	1.5	a hell, p bewölkt	–1.3	1.0	0.6

Talwindbeobachtungen im Sommer 1900.

Eine zweite Serie von dem Walliser Talwind gewidmeten Beobachtungen liegt vor vom Sommer 1900. Vom 9. bis 16. Juni funktionierten zwei Barographen in Villeneuve und Saxon; die Talstation war diesmal also beträchtlich weiter unten im Wallis, da, wo der Talwind seine maximale Intensität erreichen soll. Die Station in Villeneuve, in 416 m Höhe hart über dem Seende, besorgte Dir. Billwiller, diejenige in Saxon-les-Bains, 470 m, Herr Mettler. Ausserdem standen noch die Registrierungen von Montreux, 380 m, die Herr Bührer besorgte, zur Verfügung.

Die stündlichen Werte der Luftdruckregistrierung von Villeneuve und Saxon sind folgende:

700 $^{m}/_{m}$ + **Stündliche Barometerstände in Villeneuve** (416 m).

1900	1 a	2	3	4	5	6	7	8	9	10	11	Mittag	1 p	2	3	4	5	6	7	8	9	10	11	12
Juni 9.	27.4	27.5	27.6	27.5	27.7	27.9	28.0	28.1	28.2	28.2	28.1	27.9	27.7	27.3	27.0	26.8	26.6	26.6	26.6	26.8	27.0	27.1	27.3	27.2
„ 10.	27.3	27.2	27.2	27.2	27.2	27.4	27.6	27.6	27.5	27.4	27.3	26.8	26.4	26.2	25.9	25.7	25.2	25.1	25.1	25.3	25.7	25.9	26.0	26.2
„ 11.	26.3	26.3	26.2	26.2	26.3	26.4	26.6	26.6	26.4	26.4	26.3	26.2	25.5	25.2	25.0	24.9	24.7	24.8	25.5	26.1	26.3	26.4	26.6	26.5
„ 12.	26.4	26.4	26.5	26.5	26.6	26.6	26.7	26.7	26.4	26.3	26.0	25.8	25.5	25.0	24.8	24.6	24.6	24.7	25.7	25.9	27.2	26.9	26.9	26.9
„ 13.	26.9	26.9	26.9	26.9	26.9	26.9	27.0	27.1	27.1	27.2	27.3	27.7	28.0	28.2	28.2	28.6	28.7	29.0	29.6	29.8	30.1	31.0	31.8	31.6
„ 14.	31.6	31.8	31.9	31.9	32.1	32.2	32.3	32.3	32.3	32.3	32.4	32.4	32.2	32.0	31.8	21.8	31.7	31.6	31.7	31.7	31.7	31.8	31.8	31.8
„ 15.	31.8	31.8	31.8	31.8	31.8	31.9	32.0	32.2	32.2	32.1	32.0	31.9	31.6	31.0	30.8	30.6	30.5	30.6	30.5	30.5	30.5	30.5	30.6	30.5
„ 16.	30.7	30.6	30.6	30.6	30.5	30.6	30.7	30.9	30.9	30.7	30.6	30.5	30.4	30.2	30.1	30.0	29.9	29.8	29.7	29.8	29.8	29.9	29.9	29.9
„ 17.	30.1	30.1	30.0	30.1	30.2	30.3	30.4	30.4	30.5	30.4	30.3	30.2	30.0	29.8	29.5	29.2	28.6	28.5	28.5	28.7	28.7	28.4	28.2	28.2
Mittel	28.72	28.73	28.74	28.74	28.81	28.91	29.03	29.10	29.06	29.00	28.92	28.82	28.60	28.32	28.10	28.02	27.83	27.84	28.10	28.29	28.56	28.71	28.80	28.76

700 $^{m}/_{m}$ +

Stündliche Barometerstände in Saxon (470 m).

1900	1a	2	3	4	5	6	7	8	9	10	11	Mittag	1p	2	3	4	5	6	7	8	9	10	11	12
Juni 9.	22.7	22.9	23.0	23.3	23.3	23.6	23.5	23.3	23.1	22.8	22.5	22.1	21.5	21.0	20.6	20.3	20.3	20.4	20.7	21.0	21.8	21.9	22.3	22.6
„ 10.	22.8	22.8	22.7	22.7	22.9	23.0	23.2	23.2	22.9	22.1	21.7	21.2	20.7	20.2	19.9	19.6	19.3	19.4	19.7	20.1	21.0	21.3	21.6	21.8
„ 11.	21.8	22.0	22.0	22.0	22.2	22.1	22.1	22.0	21.6	21.2	21.0	20.6	20.4	20.1	20.1	19.7	19.7	19.9	20.5	20.8	21.2	21.5	21.8	22.1
„ 12.	22.0	22.0	22.1	22.3	22.5	22.5	22.5	22.2	21.6	21.2	20.9	20.5	19.9	19.6	19.4	19.3	19.2	19.3	19.7	20.4	21.7	21.9	22.1	22.5
„ 13.	22.5	22.3	22.4	22.4	22.5	22.5	22.4	22.3	22.1	21.9	21.6	21.5	21.2	21.1	21.3	21.6	21.9	22.8	23.4	24.0	24.9	25.4	25.6	26.0
„ 14.	26.3	26.4	26.4	26.6	26.8	26.9	27.1	27.1	26.9	26.7	26.6	26.3	25.7	25.6	25.5	25.5	25.6	25.8	26.2	26.5	26.7	26.8	26.9	26.9
„ 15.	26.8	26.8	26.7	26.8	27.1	27.4	27.7	27.7	27.7	27.5	27.2	26.7	26.0	25.3	25.1	24.6	24.5	24.7	25.1	25.2	25.4	25.8	25.9	26.1
„ 16.	25.9	25.7	25.6	25.7	25.8	25.9	26.1	26.0	25.5	24.8	24.6	24.3	23.9	23.7	23.7	23.8	23.7	23.8	24.1	24.2	24.7	24.9	25.0	25.1
„ 17.	25.3	25.3	25.3	25.6	25.7	25.8	26.0	25.9	25.6	25.3	24.9	24.3	23.6	23.5	23.2	23.1	23.0	23.0	23.2	23.4	23.7	23.8	23.8	23.7
Mittel	24.01	24.02	24.02	24.16	24.31	24.41	24.51	24.41	24.11	23.72	23.44	23.06	22.54	22.23	22.01	21.94	21.91	22.12	22.51	22.84	23.46	23.70	23.90	24.09

Eliminiert man noch die unperiodische Variation des Luftdruckes vom Beginn bis zum Ende der Beobachtungsreihe nach der Methode Lamont-Ekholm, so erhält man

Tägliche Periode des Luftdruckes in Villeneuve und Saxon 9./16. Juni 1900.

	1a	2	3	4	5	6	7	8	9	10	11	Mittag
Villeneuve . . .	728.88	728.87	728.85	728.85	728.89	728.97	729.08	729.14	729.06	728.99	728.91	728.80
Saxon	724.17	724.14	724.12	724.22	724.38	724.45	724.55	724.45	724.13	723.72	723.43	723.04
Abweichungen der einzelnen Stundenwerte vom Tagesmittel in Hundertstel-Millimeter:												
Villeneuve . . .	25	24	22	22	26	34	45	51	43	36	28	17
Saxon	75	72	70	80	96	103	113	103	71	30	01	−38

	1p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Villeneuve . . .	728.55	728.28	728.07	727.98	727.81	727.84	728.10	728.28	728.56	728.76	728.86	728.82	728.63
Saxon	722.54	722.21	722.08	721.92	721.88	722.10	722.49	722.83	723.46	723.71	723.91	724.14	723.42
Abweichungen der einzelnen Stundenwerte vom Tagesmittel in Hundertstel-Millimeter:													
Villeneuve . . .	−8	−35	−56	−65	−82	−79	−53	−35	−7	13	23	19	
Saxon	−88	−121	−134	−150	−154	−132	−93	−59	4	29	49	72	

Die starke Vergrösserung der Barometerschwankung in eingeschlossenen Talbecken, wie sie im Wallis so ausgesprochen auftritt, ist bekanntlich eine Folge der Zunahme der Amplitude der ganztägigen Welle. Die Darstellung des Barometerganges der beiden Stationen, denen noch derjenige von Montreux beigefügt sei, durch Sinusreihen, zeigt dies deutlich:

Täglicher Barometergang 9./17. Juni 1900.

Clarens $731.67 + 0.585 \sin(10° 15' + x) + 0.273 \sin(131° 9' + 2x)$

Villeneuve $728.63 + 0.507 \sin(7° 83' + x) + 0.261 \sin(133° 14' + 2x)$

Saxon $723.42 + 1.226 \sin(25° 2' + x) + 0.356 \sin(160° 2' + 2x)$

Während also die Konstante (Amplitude) der halbtägigen Welle im Wallis nicht sehr verschieden ist von derjenigen vom Genfersee, wächst diejenige der ganztägigen auf das zweieinhalbfache. Darin kommt die Wirkung des Abfliessens der Luft gegen die Bergumrahmung zum Ausdruck.

Allerdings stammen die Beobachtungen nicht ganz aus demselben Niveau, so dass der Temperaturgang der dazwischen liegenden Luftschicht noch einen kleinen Einfluss ausübt. Um auch diesen noch wegzubringen und die Differenzen im täglichen Luftdruckgang ganz auf die orographischen Verhältnisse zurückzuführen, wurde — wie es in der Abhandlung R. Billwillers über den Oberengadiner Talwind [1]) geschehen ist — der beobachtete Gang der untern Station (Villeneuve, 416 m) reduziert auf das Niveau der obern Station (Saxon, 470 m).

Hiezu standen Temperaturregistrierungen von Clarens zur Verfügung, welche weiter unten in extenso mitgeteilt sind. Der aus ihnen resultierende Temperaturgang lässt sich darstellen durch die Reihe

$$p_1 \cos x + q_1 \sin x + p_2 \cos 2x + q_2 \sin 2x$$

und es erhalten die Koëffizienten folgende Werte: $p_1 = -1.84$, $q_1 = -2.61$, $p_2 = -0.074$, $q_2 = -0.211$. Durch Multiplikation dieser Koëffizienten mit dem Faktor $\frac{b\,h}{R\,T^2}$ erhält man diejenigen der dieser Temperaturschwankung entsprechenden Druckschwankung der zwischen beiden Stationen liegenden Luftschicht, wobei für b (mittlerer Barometerstand) 726 $^{m}/_{m}$, für h (Höhe der Zwischenschicht) 54 m, R (Gaskonstante für wasserdampfhaltige Luft) 30.4

[1]) Annalen 1893.

und für T (absolute Temperatur mit Berücksichtigung des Wasserdampfgehaltes) $263 + 18.5 = 281.5°$ zu setzen ist. So ergeben sich als Koëffizienten dieser sogenannten thermischen Druckschwankung in der Zwischenschicht:

	p_1	q_1	p_2	q_2
	−0.030	−0.042	−0.001	−0.003
addiert zu der in Villeneuve (416 m) beobachteten Druckschwankung (ausgedrückt in derselben Form der Besselschen Formel)	0.069	0.504	0.190	−0.178
gibt den für das Niveau von 470 m berechneten Gang in Villeneuve . .	0.039	0.462	0.189	−0.181

Subtrahiert man nun diese Koëffizienten von denjenigen des in Saxon beobachteten Ganges, so erhält man die Koëffizienten des täglichen Ganges der Lufdruckdifferenz zwischen Villeneuve und Saxon:

	p_1	q_1	p_2	q_2
470 m Saxon beobachtet	0.519	1.111	0.122	−0.335
470 m Villeneuve berechnet	0.039	0.462	0.189	−0.181
Koëffizienten des Ganges der Luftdruckdifferenz	0.480	0.649	−0.067	−0.154

und daraus die Gleichung für den Gang der Luftdruckdifferenz

$$0.807 \sin (36° 29' + x) + 0.168 (203° 31' + 2x).$$

Die Auswertung ergibt die folgenden stündlichen Werte der Druckdifferenz Villeneuve–Saxon. Es ist aber wieder zu berücksichtigen, dass in der betreffenden Periode (9./16. Juni) auch im Mittel ein barometrisches Gefälle gegen das Wallis bestand, das sich zwischen Lausanne–Siders (100 km) auf 0.51 $^{m}/_{m}$, auf die Distanz Villeneuve–Saxon (44 km) reduziert auf 0.22 $^{m}/_{m}$[1]) beziffert. Die zweite Zeile enthält die mit diesem Werte korrigierten Zahlen.

1 a	2	3	4	5	6	7	8	9	10	11	Mittag	1 p	2	3	4	5	6	7	8	9	10	11	12
50	57	64	70	73	72	64	49	27	1	−28	−55	−77	−91	−95	−90	−77	−58	−37	−16	3	19	32	41
28	35	42	48	51	50	42	27	5	−21	−50	−77	−99	−113	−115	−112	−99	−80	−59	−38	−19	−3	10	19

Auf den Aequatorgrad und das Meeresniveau reduziert (Faktor 2.64) gibt das als maximalen Gradienten nachmittags 3^{h} 3.04 $^{m}/_{m}$, also ganz wesentlich mehr als das Stationspaar Siders–Montreux im Juli 1896 ergeben hatte (maxim. Gradient 3^{h} p 2.22 $^{m}/_{m}$). Das liess sich a priori vermuten, nachdem das Intensitätsmaximum des Windes bei Saxon festgestellt war und hat wohl auch die zweite Beobachtungsreihe im Jahre 1900 mitveranlasst. — Der nächtliche Gegengradient erreicht im Maximum (5^{h} a m) 1.35 $^{m}/_{m}$ und erweist sich also auch in diesem Falle bedeutend kleiner als der Talwindgradient; immerhin ist der Unterschied nicht so gross wie nach Siders–Montreux.

„Praz Longs“ bei Saxon; das Tube-Anemometer.

Den Luftdruckregistrierungen in Saxon parallel gingen solche von Windrichtung und Windgeschwindigkeit, letztere vermittelst eines Tube-Anemometers von Dines, während für die Richtung eine Fuess'sche Windrichtungsregistrierung benutzt wurde. Die Apparate waren auf einer Scheune mitten auf der Talsohle („Praz Longs“) montiert in einer Höhe von ca. 8 m über dem Boden.

[1]) Wahrscheinlich ist letzterer Wert damit noch zu klein angesetzt, da wie wir gleich sehen werden, die stillschweigende Voraussetzung einer der Distanz proportionalen Zunahme der Barometerdifferenz bis Siders hinauf nicht zuzutreffen scheint.

Windmessungen in Saxon 9./17. Juni 1900.

Die erste Ziffer gibt die mittlere, die eingeklammerte die maximale Intensität des betreffenden Stundenintervalles.

		1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h
9. Juni	a m	No	No	No	No	No	No	No	NEo	SEo	SWo	SW1	SW3
	p m	SW5	SW6	SW7 (10)	SW6 (9)	SW6 (9)	SW5 (8)	SW4 (7)	SW4 (8)	SW3 (5)	Wo	NWo	NWo
10. „	a m	NWo	NWo	NWo	NWo	NWo	NWo	NWo	NWo	NE1 (2)	NE1	E1 (1)	E1 (1)
	p m	SW3 (4)	SW5 (8)	SW6 (9)	SW6 (8)	SW6 (8)	SW5 (8)	SW3 (6)	SW2 (3)	NWo	NEo	NEo	NEo
11. „	a m	NEo	NEo	NEo	NEo	NEo	NEo	NE1	NE1	NE1	NE1	SW2 (5)	SW3 (7)
	p m	SW4 (7)	SW3	N1	N1	SW3 (6)	SW2 (3)	SWo (5)	SW5 (9)	SW5 (9)	SW4 (6)	SW1	SWo
12. „	a m	NWo	NWo	NWo	NWo	NWo	NWo	NWo	N1	N1	No	SW1 (3)	SW1 (4)
	p m	SW3 (6)	SW3 (5)	SW3 (5)	SW3 (4)	SW3 (9)	SW3 (8)	SW4 (6)	SW3 (7)	SW4 (8)	SW4 (7)	SW1 (3)	No
13. „	a m	No	No	No	No	No	No	N1	N1	SW2 (4)	SW3 (5)	SW4 (8)	SW5 (6)
	p m	SW8 (10)	SW (11)	SW (14)	SW8 (13)	SW7 (10)	SW7 (9)	SW3 (8)	SW3 (6)	SW3 (9)	SW7 (9)	SW6 (14)	SW5 (6)
14. „	a m	W3 (5)	NW1	SW5 (9)	SW4 (8)	SW5 (8)	SW4 (6)	SW3 (7)	SW6 (10)	SW7 (11)	SW6 (10)	SW5 (9)	SW6 (10)
	p m	SW7 (10)	SW7 (13)	SW8 (10)	SW7 (10)	SW6 (10)	SW5 (8)	SW4 (9)	SW4 (9)	SW4 (6)	W3 (5)	W4 (6)	W5 (6)
15 „	a m	W1	W1	W1	W1 (2)	NW1	NW1	NWo	NEo	NEo	NE1	NEo (1)	NE1 (4)
	p m	NE2	SW4 (8)	SW5 (9)	SW4 (7)	SW5 (9)	SW4 (9)	SW5 (8)	SW4 (6)	SW4	NW1 (2)	NWo	NEo
16. „	a m	NEo (1)	NEo	NEo	NEo	NEo (1)	NEo (1)	NEo	NEo	NEo	SW1 (7)	SW5 (8)	SW6 (8)
	p m	SW5 (9)	SW5 (10)	SW6 (9)	SW6 (9)	SW5 (9)	SW4 (7)	SW4 (7)	SW3 (6)	SW1 (7)	W3 (4)	W1 (2)	W1
17. „	a m	Wo	Wo	Wo	Wo	Wo	Wo	Wo	W1	NE1	NE1	SW2 (7)	SW4 (9)
	p m	SW7 (9)	SW6 (9)	SW6 (8)	SW5 (7)	SW4 (7)	SW4 (6)	SW1 (5)	SW3 (9)	SW1 (2)	So	So	So

Es ist von Interesse, diese Anemometerbeobachtungen mit den jeweiligen Luftdruckdifferenzen Villeneuve-Saxon zu vergleichen:

9./17. Juni, Abweichungen der stündlichen Werte der Druckdifferenz Villeneuve-Saxon von der mittleren Druckdifferenz (5.2 mm).

	1a	2	3	4	5	6	7	8	9	10	11	Mittag	1p	2	3	4	5	6	7	8	9	10	11	12
Juli 9.	−0.5	−0.6	−0.6	−1.0	−0.8	−0.9	−0.7	−0.4	−0.1	0.2	0.4	0.6	1.0	1.1	1.2	1.3	1.1	1.0	0.7	0.6	0.0	0.0	−0.2	−0.6
„ 10.	−0.7	−0.8	−0.7	−0.7	−0.9	−0.8	−0.8	−0.8	−0.6	0.1	0.4	0.4	0.5	0.8	0.8	0.9	0.7	0.5	0.2	0.0	−0.5	−0.6	−0.8	−0.8
„ 11.	−0.7	−0.9	−1.0	−1.0	−1.1	−0.9	−0.7	−0.6	−0.4	0.0	0.1	0.4	−0.1	−0.1	−0.3	0.0	−0.2	−0.3	−0.2	0.1	−0.1	−0.3	−0.8	−0.8
„ 12.	−0.8	−0.8	−0.8	−1.0	−1.1	−1.1	−1.0	−0.7	−0.4	−0.1	−0.1	0.1	0.4	0.2	0.1	0.1	0.2	0.2	0.8	0.3	0.3	−0.2	−0.4	−0.8
„ 13.	−0.8	−0.6	−0.7	−0.7	−0.8	−0.8	−0.6	−0.4	−0.2	0.1	0.5	1.0	1.6	1.9	1.7	1.8	1.6	1.0	1.0	0.6	0.0	0.4	1.0	0.4
„ 14.	0.1	0.2	0.3	0.1	0.1	0.1	0.0	0.0	0.2	0.4	0.6	0.9	1.3	1.2	1.1	1.1	0.9	0.6	0.3	0.0	−0.2	−0.2	−0.3	−0.3
„ 15.	−0.2	−0.2	−0.1	−0.2	−0.5	−0.7	−0.9	−0.7	−0.7	−0.6	−0.4	0.0	0.4	0.5	0.5	0.8	0.8	0.7	0.2	0.1	−0.1	−0.5	−0.5	−0.8
„ 16.	−0.4	−0.3	−0.2	−0.3	−0.5	−0.5	−0.6	−0.3	−0.2	0.7	0.8	1.0	1.3	1.3	1.2	1.0	1.0	0.8	0.4	0.4	−0.1	−0.2	−0.3	−0.4
„ 17.	−0.4	−0.4	−0.5	−0.7	−0.7	−0.7	−0.8	−0.7	−0.3	−0.1	0.2	0.7	1.2	1.1	1.1	0.9	0.4	0.3	0.1	0.1	−0.1	−0.6	−0.8	−0.7

Einen Masstab für die Wirksamkeit dieser Druckdifferenzen erhält man erst aus dem Vergleich mit den normalen Druckverhältnissen, daher seien noch die barometrischen Differenzen Lausanne-Siders dieser Tage beigegeben, für welches Stationspaar wir das normale barometrische Gefälle kennen (vergl. pag. 9):

Juni 1900.

	9.	10.	11.	12.	13.	14.	15.	16.	17.	Normale des Juni
7 a	0.2	−0.5	−0.3	−0.6	0.0	0.5	−0.1	0.1	−0.3	0.2
1 p	1.6	1.3	0.7	1.1	3.3	2.5	0.8	1.9	1.4	1.6
9 p	−0.2	−0.2	−0.1	0.6	0.5	0.7	−0.2	−0.2	0.0	0.3
Mittel	0.5	0.2	0.1	0.3	1.2	1.2	0.2	0.6	0.3	0.7

Schliesslich folgen noch die Temperaturregistrierungen von Montreux-Clarens und Saxon für unsere Beobachtungsreihe, sowie eine gedrängte Übersicht über allgemeine Wetterlage und Verlauf der Witterung im Wallis im speziellen.

9./17. Juni 1900. Temperaturregistrierung in Montreux-Clarens.

	1 a	2	3	4	5	6	7	8	9	10	11	Mittag	1 p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Juli 9.	13.8	14.0	13.2	12.3	12.4	14.1	15.8	16.1	15.9	16.5	17.7	18.7	19.9	20.4	21.3	21.8	22.2	21.5	20.7	18.7	17.8	16.8	16.4	15.8	19.1
„ 10.	15.7	14.9	14.7	14.4	14.5	16.1	17.4	17.8	17.7	18.0	18.8	19.8	20.7	22.0	22.5	22.1	22.1	22.8	22.2	21.7	20.4	19.6	19.0	18.2	18.9
„ 11.	17.8	17.1	16.7	16.1	16.3	17.8	19.5	19.5	19.7	20.8	21.6	22.0	23.7	22.9	22.8	19.9	20.7	20.9	20.6	20.8	20.6	19.3	18.5	17.6	19.7
„ 12.	17.1	17.7	16.1	15.8	15.7	15.7	17.3	18.2	18.7	19.1	19.3	20.8	21.6	22.6	22.6	23.2	23.6	23.6	22.7	21.5	21.0	17.7	17.3	16.8	19.4
„ 13.	16.7	16.4	16.2	15.9	15.8	15.9	17.6	18.8	19.1	19.3	19.6	18.8	17.5	16.9	17.5	17.7	17.8	16.8	16.4	16.0	15.8	13.8	13.6	14.0	16.8
„ 14.	13.8	12.9	12.7	12.9	12.7	13.4	15.3	15.8	16.1	16.8	17.2	18.0	18.9	19.4	19.8	20.6	20.5	19.8	19.2	17.8	17.0	15.9	15.4	14.8	16.5
„ 15.	14.6	14.8	14.7	14.2	14.4	15.0	15.8	16.8	17.2	17.8	18.3	19.1	19.8	20.3	20.7	20.8	20.8	20.1	19.7	19.0	18.7	18.1	18.1	17.4	17.8
„ 16.	16.6	16.1	15.9	16.1	16.3	16.7	17.4	17.8	20.0	20.1	21.8	22.3	22.4	22.8	23.0	23.7	23.2	22.7	22.4	21.8	20.9	19.2	18.8	17.9	19.8
„ 17.	17.4	16.7	16.4	15.9	15.8	16.8	18.5	19.6	19.7	19.5	20.7	21.6	22.5	23.7	23.3	23.7	23.5	22.8	22.4	21.5	20.9	20.5	20.2	19.8	20.1
Mittel	15.9	15.6	15.2	14.8	14.9	15.7	17.2	17.8	18.2	18.7	19.4	20.1	20.8	21.2	21.5	21.5	21.6	21.2	20.7	19.9	19.2	17.9	17.5	16.9	18.5

9./17. Juni 1900. Temperaturregistrierung in Saxon.

	1 a	2	3	4	5	6	7	8	9	10	11	Mittag	1 p	2	3	4	5	6	7	8	9	10	11	12	Mittel
Juli 9.	13.0	12.5	11.7	11.2	12.1	13.3	14.5	16.0	17.8	19.8	19.9	21.1	21.2	21.5	22.0	22.1	22.3	21.2	20.6	19.9	18.9	17.2	16.8	15.0	17.6
„ 10.	14.0	12.1	11.5	11.1	10.2	13.9	18.0	20.4	20.2	21.7	23.1	24.2	24.5	24.8	24.9	25.3	25.2	24.2	24.0	23.3	21.0	19.4	16.9	15.4	19.6
„ 11.	13.5	15.1	13.4	12.8	13.9	16.7	18.1	20.0	22.3	23.4	24.9	25.0	24.0	24.0	25.3	26.1	25.8	23.4	22.6	22.0	21.1	20.5	19.0	18.6	20.5
„ 12.	16.0	15.7	14.2	13.1	15.0	16.9	17.3	19.5	21.3	23.1	23.7	24.5	25.3	26.0	25.5	24.4	25.2	24.0	22.4	22.3	21.0	19.9	18.7	17.1	20.5
„ 13.	15.1	14.0	13.5	13.0	13.3	15.5	16.9	19.9	20.1	21.1	22.6	22.5	22.0	21.9	21.0	21.1	19.3	17.9	17.9	17.9	17.7	17.0	16.9	15.1	18.0
„ 14.	14.5	14.5	14.7	14.3	15.0	15.6	15.8	16.2	16.6	18.1	18.9	19.8	19.9	20.0	20.1	20.4	20.2	19.2	18.5	18.2	17.9	16.0	15.4	15.1	17.3
„ 15.	14.5	14.5	14.2	14.7	14.7	14.2	14.7	15.6	16.0	17.1	18.8	19.7	21.4	22.0	21.8	22.1	21.2	21.2	20.8	19.6	19.0	17.1	16.9	15.9	17.8
„ 16.	14.4	13.5	12.3	11.5	13.3	14.5	17.5	18.3	20.1	21.7	22.7	23.5	24.1	24.0	24.2	23.6	23.2	22.2	21.5	21.9	20.4	19.0	18.0	16.0	19.2
„ 17.	14.3	13.9	12.5	13.1	15.9	15.8	18.4	20.0	21.1	22.3	23.7	24.4	25.1	27.3	27.8	28.1	27.8	27.0	25.0	23.5	22.2	22.0	19.8	19.2	21.3
Mittel	14.4	14.0	13.1	12.8	13.7	15.2	16.8	18.4	19.4	20.9	22.0	22.7	23.1	23.5	23.6	23.7	23.4	22.3	21.5	21.0	19.9	18.7	17.6	16.4	19.1

9. Juni: Barometrisches Maximum über Zentraleuropa mit Kern über dem nördlichen Alpenvorland. Heller Tag mit annähernd normalem barometrischem Gefälle Lausanne-Siders. — In Saxon windstill bis 10^h a; dann ganz allmähliges Aufkommen des Talwindes bis zu 7 m mittlerer Geschwindigkeit um 3^h p; $9^h 45^m$ plötzliches Abflauen.

10. Juni: Kern des Maximums über Sachsen, im Westen des Kontinents eine flache Depression. Heller Tag; a m bleibt das talauswärts gerichtete Gefälle etwas länger als gewöhnlich bestehen (wohl als Folge des allgemeinen nach W gerichteten Gradienten). — In Saxon von 8^h a an daher leichter NE, später E bis $12^h 30^m$, wo der Talwind durchbricht, der um 3^h p seine maximale Stärke (6 m im Stundenmittel) erreicht; 8^{20} p plötzliches Authören.

11. Juni: Umfangreiches Hochdruckgebiet über Zentral- und Nordost-Europa mit Kern über Schweden. Heller Tag, nur im untern Wallis mittags leicht bewölkt; das taleinwärts gerichtete Gefälle erreicht nicht die Hälfte des normalen Wertes, da Störungen in der Druckverteilung auftreten (von 3^h bis $5^h 30^m$ p zieht ein Gewitter vom Genfer- zum Thunersee). — In Saxon von $6^h 30^m$ an NE 0–1 bis 10^h a; der dann einsetzende Talwind erreicht nicht die normale Stärke (Maximum 4 m um 1^h p) und setzt zweimal aus. In der ersten Pause ($2^h 15^m$ bis $4^h 20^m$) leichter N, in der zweiten ($6^h 20^m$ bis $7^h 10^m$) SW 0. Nachher wieder Talwind (8^h bis 10^h SW 5) bis $11^h 30^m$ p.

12. Juni: Wenig veränderte Situation; über der Biscayasee eine flache Gewitterdepression. Im Wallis a m wolkenlos, erst abends etwas bewölkt, während in der Nord- und Nordwestschweiz p m zahlreiche Gewitter auftreten. Die bar. Differenz Lans-Siders erreicht mittags nicht ganz den normalen Wert. — In Saxon von 7^h a an NNW 0–1, von $10^h 15^m$ an schwacher Talwind, der zufolge Störungen (Gewitter) nur in einzelnen Stössen zu grösserer Intensität gelangt.

13. Juni: Von SW her steigt der Luftdruck, daher Bildung einer Furche niedrigen Druckes über Frankreich zwischen höherem über dem SW und dem Maximum im NE. Das mittägige Gefälle gegen das Wallis erreicht das Doppelte des normalen Betrages. Im Wallis a und p leicht bewölkt, p ein das ganze schweizerische Mittelland durchziehender Gewitterzug. — In Saxon $6^h 50^m$ bis $8^h 15^m$ a N 0–1; $8^h 15^m$ setzt der Talwind ein und erreicht wohl zwischen 1 und 4^h p das absolute Maximum der Intensität innerhalb der zehntägigen Beobachtungsperiode (zufolge einer Störung in der Registrierung schreibt die Feder nur kurze Momente, $3^h 55^m$ 14 m!). Gegen Abend Rückgang der Intensität des SW; kurz vor 11^h p neues starkes Anschwellen bis zu 14 m um 11^h entsprechend einem um diese Stunde noch einmal auftretenden starken barometerischen Gradienten Villeneuve-Saxon (wohl Böe?).

14. Juni: Da der Druckanstieg angedauert hat, liegt über Frankreich der Kern eines Hochdruckkeiles, von welchem der Druck gegen E abnimmt. Heller Tag im untern Wallis. Schon morgens ist ein taleinwärts gerichtetes Gefälle vorhanden, das mittags wieder sehr gross wird. — In Saxon hat der SW in der Nacht vom 13./14. (von einer ganz kurzen Pause $1^h 30^m$ bis $2^h 30^m$ a abgesehen) nicht aufgehört, seine Intensität variiert den ganzen Tag über wenig und er weht bis nach Mitternacht (14./15.).

15. Juni: Hoher Druck über Südwest- und Zentraleuropa, flache Depressionen über Schweden und Finnland. Im Wallis stark bewölkt (in der Ostschweiz ganz trüb und regnerisch), in Clarens $6^h 15^m$ p lokale Gewittererscheinungen (Donner). Das normale Gefälle taleinwärts um Mittag wird nur zur Hälte erreicht. — In Saxon von 7^h a an leichter NE, der zwischen 12^h und 1^h p etwas auffrischt (NE 2 m); erst um 1^h kommt der SW auf, der nicht ganz seine gewöhnliche Intensität erreicht und um $9^h 45^m$ p erlischt.

16. Juni: Wenig veränderte Situation, das Depressionszentrum liegt etwas südlicher (Südschweden). Im Wallis ziemlich hell (Mittelland etwas bewölkt). — In Saxon NE0 bis 9^h40^m a, dann dreht die Windfahne auf SW, aber erst 10^h45^m a frischt der Talwind plötzlich auf; Maximum (6 m) um 3^h p; auch in den spätern Abendstunden noch Talwind, der erst um 10^h40^m erlischt.

17. Juni: Die nördliche Depression zieht ostwärts ab. Allgemein heller Tag mit ziemlich normaler Druckdifferenz. — In Saxon setzt nach leichtem NE (8^h bis 10^h30^m) um 10^h30^m der Talwind ein; Maximum 7 m um 1^h p; Aufhören kurz nach 9^h. — In der Nacht vom 17./18. Juni fällt etwas Regen und setzt um 4^h30^m a kräftiger SW (bis 12 m) ein (allgemeine Luftströmung, der 18. war allgemein trübe und vielfach regnerisch zufolge einer flachen Depression über Schlesien).

Am schönsten kommt der lokale Charakter des Talwindes am 9., 10., 16. und 17. Juni zum Ausdruck, welche Tage sonst allgemein ohne Luftbewegung waren. Wir wollen sie ungestörte Tage nennen. Gestörte Tage, an denen sich der Talwind nicht voll entwickeln konnte, waren der 11. und 12. (Gewittertätigkeit im schweizerischen Mittelland) und der stark bewölkte 15. Am 13. und 14. endlich erreichte der Talwind grössere Stärke und Dauer als normal, da die allgemeine Druckverteilung einen nach E gerichteten Gradienten zeigt.

Eine sehr erwünschte Ergänzung fanden die in Saxon angestellten Intensitätsmessungen des Talwindes durch eine Beobachtungsreihe in Rennaz, die Herr Chavannes dort vom 12.—16. Juni zu besorgen die Güte hatte. Rennaz liegt ganz am Anfang der Rhoneebene, ca. 2 km vom oberen Ende des Genfersees entfernt. Die mit einem kleinen Fuesschen Schalenkreuzanemometer (mit genau bekannter Konstanten) gemachten Ablesungen lieferten folgende Werte (aus Minutenintervallen!), denen zum Vergleich die Werte von Saxon beigegeben sind.

Rennaz, Windgeschwindigkeit in m p s.

	Juni 12.		13.		14.		15.		16.	
	Rennaz	Saxon	R.	S.	R.	S.	R.	S.	R.	S.
10^h a	—	—	3.2	3.0	6.3	7.5	3.2	0.2	4.8	4.5
1^h p	—	—	9.2	7.5	5.8	7.5	3.2	2.0	5.9	5.5
3^h p	5.1	3.5	8.2	9.0	6.2	8.5	4.8	5.7	7.3	5.5
5^h p	5.5	3.5	4.6	7.0	2.9	7.0	3.5	5.0	5.0	5.5

Aus dieser Tabelle ergibt sich die interessante Tatsache, dass an den betreffenden Tagen die Intensität des Talwindes im untersten Teil des Rhonetales („auf der sogen. Rhoneebene") ungefähr dieselbe war wie im mittleren Wallis. Leider liegen gerade für die „ungestörten" Tage vom 9. und 10. Juni keine Messungen aus Rennaz vor; aber aus den oben stehenden Daten muss doch der Schluss gezogen werden, dass der Unterschied in der Stärke des Talwindes zwischen Rhoneebene und eigentlichem Wallis nicht so gross ist, wie er angenommen wird (vergl. A. Puenzieux, pag. 3). Dafür sprechen ja auch die auf der Rhoneebene schon sehr ausgeprägt vorhandenen Windformen der Bäume.

Fassen wir die Resultate aller Intensitätsmessungen des Wallisertalwindes zusammen, so lässt sich sagen, dass die Intensität des normalen, d. h. durch keinen allgemeinen barometrischen Gradienten verstärkten Talwindes für die Zeit seiner stärksten Entwicklung (3—4^h p) mit ca. 7 m mittlerer Geschwindigkeit wohl richtig angegeben wird; natürlich kommen einzelne stärkere Stösse vor. In allen denjenigen Fällen aber, wo der SW-Wind im Wallis eine beträchtlich grössere mittlere Geschwindigkeit erlangt, haben wir es offenbar nicht mehr bloss mit dem durch die Neigung der Flächen gleichen Druckes gegen die Bergwände erzeugten Talwinde, sondern mit einer Verstärkung durch eine allgemeine Luftströmung mit westlicher Komponente zu tun.

Was endlich den nächtlichen talauswärts gerichteten Bergwind betrifft, so erreicht derselbe nach den vorliegenden Registrierungen nur eine ganz unbedeutende Intensität (selten 1 m pro Sekunde und mehr), so dass die Luftbewegung oft unfühlbar bleibt.

ANNALEN

der

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